



# Ramkumar R

Kochi, India | [ramkumarkylm@gmail.com](mailto:ramkumarkylm@gmail.com) | +917012226273

Diligent software engineer with 9+ years of experience.  
Expert in developing front-end and back-end website applications.  
Proficient in NodeJS, VueJS, PHP & Laravel.  
Ensured tight cooperation with other engineers and designers through active listening, systematic communication, and leadership skills.  
2 years of experience in Android application development with Flutter & Ionic.

## Technical Skills

Node.js, Vue.js, CSS, JavaScript, React.js, Laravel, HTML, SCSS, JavaScript Frameworks, Python (Basics), Nuxt.js, Next.js, WordPress, Flutter, PHP, Blockchain, MySQL, Socket.io, MongoDB, SQLite, Android, C, C++, C#, GitHub, CodeIgniter, PostgreSQL, Cordova, Java (Basics), NGINX, Bootstrap, Apache, Typescript, REST/RESTful APIs, SEO, Electron, Open Source, AJAX, Crypto, D3.js, JSON, CI/CD, AWS, EC2, Cloud, Lambda, Terraform, Fintech, Jira, Bitbucket, GitLab, E-Commerce, Woocommerce

## Work History

<b>Senior Software Engineer</b> KnowBe4	December 2024 - Ongoing 7 mos
<ul style="list-style-type: none"><li>* Maintaining one of the large product in the organisation.</li><li>* Developing different microservices for frontend and backend that builds with Vue.js, Node.js, PHP and Python.</li><li>* Working in the Jira-based kanban board.</li><li>* Well maintained code quality including snyk.</li><li>* Terraform and lambda functions were used in the project</li></ul>	
<b>Senior Software Engineer</b> Exerp (Innovatise Technology)	October 2023 - November 2024 1 Yrs 1 mos
<ul style="list-style-type: none"><li>* Exerp is a global fitness solution product with four million users.</li><li>* Developing frontend and backend for a solution that builds with Vue.js and node.js.</li><li>* Working in the Jira-based scrum and handling Cypress test cases with a coverage of 100%.</li><li>* I have created an <a href="#">NPM package</a> for an electronic signature feature in the project that helps the company reduce expenses using third-party services.</li></ul>	
<b>Senior Software Programmer</b> Bridge Global Software Solutions Private Limited	June 2022 - September 2023 1 Yrs 4 mos
<ul style="list-style-type: none"><li>* Develop frontend based on the client's requirement and implement new features to the existing project</li><li>* Used atomic structure, organism, composable API, Vite in VueJS</li><li>* Developed website with VueJS and NodeJS from scratch.</li></ul>	
<b>NextGen MDT</b> <a href="https://mdt.bridge-teams.com/">https://mdt.bridge-teams.com/</a>	
<p>NextGen MDT is a powerful tool designed for efficient data and workflow management in Multi-Disciplinary Team (MDT) meetings. It's built using VueJS with Vuetify and SCSS, employing ESLint for code quality. The application includes a DICOM Viewer based on Cornerstone.js and utilizes D3 charts for data visualization. Data is managed through a JSON-based API.</p>	

Continuous integration and deployment (CI/CD) were successfully implemented for both staging and production sites using Gitlab. The project encompassed three phases, with phases 1 and 2 completed on schedule, earning client appreciation. In the third phase, database integration was introduced, featuring MySQL on Google Cloud Platform (GCP) and employing the NodeJS framework Hapi and ORM Knex on the backend.

### **Futsal Football Match App**

Created a Football match management app with ReactJS. Other companies can register and add their team or match easily.

### **Setellite VFX Data Wrangling**

<https://setellite.com/>

Atomic structure, organism, composable API, Vite in VueJS. Jira Board and Bitbucket used in the project

Release the product for VFX data handling while editing the film production.

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### **Senior Software Engineer Travancore Fintech Private Limited**

October 2021 - May 2022  
7 mos

- \* Working as a part of the fintech team, I integrated MircoATM and AEPS into the existing portal.
- \* Here I work with bank APIs such as virtual accounts, payment gateways, and money transfers.
- \* Also I learned biometric authentication with UIDAI and integrated it into the production.

### **Travancore Urban Official Website**

<https://travancoreurban.com/>

Banking site built with WordPress. Learn more features in WordPress and integrate custom modules for user management. Google Map API, geolocation, and Recaptcha were used. GitHub versioning tool used in this project. PHP (Laravel), MySQL, JSON, HTML, CSS, and JavaScript were used in this project.

This is a bank's official website and the customer can check the details of the service they provide. The website builds trust in the customer to use their service. Everything to know about their service and customer can understand the FAQ from the website.

### **TravancorePay Android App**

<https://play.google.com/store/apps/details?id=agent.travancore.fintech>

Android App for travancorepay web portal. It's purely built with Java and I learn adding packages (.aab files) to the android app. REST API integration with App Improves the skills in android development. improve the app user interface so that customers can easily navigate. GitHub versioning tool used in this project. JSON Based API was used backend managed by Laravel

The app is more convenient than a website. It helps to grab more customers. Customers can easily send funds through the app via AEPS and MicroATM

### **Travancore Pay Web Portal**

<https://agent.travancorefintech.com/>

I created the Travancore Pay web portal, an online payment and recharge platform. My work involved integrating payment systems with Axis Bank and ICICI Bank, optimizing virtual account

management, and automating fund reconciliation processes. Additionally, I implemented biometric authentication via UIDAI for enhanced security.

The portal is built on a PHP (Laravel) framework with a MySQL backend, featuring HTML, CSS, JavaScript, and Bootstrap for responsive design and user-friendly interface. I leveraged GitHub for version control and employed JSON-based APIs for seamless data exchange. Notably, I developed an Aadhar Enabled Payment System (AEPS) and MicroATM functionality, attracting a wider user base and contributing to the portal's success by offering versatile and secure financial services.

### **NXT Console**

<https://console.travancorefintech.com/>

Fintech API reselling platform developed with Laravel, PHP, and MySQL. Reselling APIs such as Money Transfer, UPI payment, Mobile, DTH, Recharging, Bus, Train, and Flight Booking APIs were developed. JSON Based API was used

The product is designed to launch at all India levels.

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### **Senior Software Developer** **Pecula Solutions Private Limited**

September 2018 - September 2021  
3 yrs

- \* Here I developed the crypto trading software with NodeJS, VueJS, Javascript frameworks, WebSocket, UI/UX Designing, Ajax, REST API, and API Development from scratch.
- \* Developed a strategy copying feature from top profit-gained traders to beginners traders, which attract more customers to use the company service.
- \* Learned WHM, Plesk, and open-source control panels such as aaPanel, Virtualmin, and Webmin.

### **BlueBot - Crypto trading bot**

<https://getbluebot.com/>

BlueBot is an auto trading software created using Electron. This software incorporates various security enhancements suitable for large-scale applications. It encompasses expertise in cryptocurrency, blockchain technology, and coin development. The crypto trading software was meticulously crafted from the ground up, leveraging technologies such as NodeJS, VueJS, JavaScript frameworks, PHP, Laravel, Python, Codeigniter, Electron, WebSocket, UI/UX Designing, Ajax, REST API, JSON, and API Development.

During the project, proficiency in server administration, including WHM, Plesk, and open-source control panels like aaPanel, Virtualmin, and Webmin, was acquired. GitHub was used for version control. AWS services, such as EC2, S3, and IAM, played a pivotal role in deployment. Real-time data processing was achieved through the use of MongoDB, while Apache and PostgreSQL were employed for various components. Security protocols, including SSH, were implemented, and technologies like Ajax, SCSS, and SQLite were integrated into the project.

Furthermore, the project involved the development and release of applications across diverse platforms, contributing to the growth of the company's business. Notably, a strategy-copying feature was implemented, enabling beginner traders to replicate the trading strategies of top profit-gaining traders. This feature has proven to be an effective customer attraction tool, enhancing the adoption of the company's services.

### **PecFish - Fish & Meat delivery app**

<https://pecfish.in/>

PecFish is a delivery app for fish and meat, developed using Flutter and Laravel. It enhanced Flutter skills, improved REST API functionality, and focused on security through Laravel's MVC framework. The app was deployed on the Play Store, and GitHub was used for version control. Continuous development ensured real-time user management.

### **BlueBot Website for SAAS product**

<https://www.getbluebot.com/>

Website builds with Codeigniter 4 and understanding the MVC method. Improve UI. Improve REST API. Learn multisite development for white labeling. Bulk email promotion techniques integrated. HTML, CSS, JavaScript, PHP, and MySQL were used in this project. Added customer support using a real-time chat system on the website to improve sales.

### **Sparrowz - Online Grocery Shop**

<https://play.google.com/store/apps/details?id=com.blueburn.sparrowz>

Sparrowz is an online grocery shop. Created with flutter and Laravel-based backend. GitHub versioning tool used in this project.

Online shopping sites make revenue based on the order placed through the app.

### **TeleAuto Pilot**

Telegram messages are processed and forwarded based on several conditions and arithmetic operations. Cryptocurrency and blockchain-related messages filter and send to a public telegram channel Created with NodeJS and Python. GitHub versioning tool used in this project. Resell the crypto-related signals and news to clients and get subscription-based revenue

### **HashX Cloud Mining - Crypto**

<https://play.google.com/store/apps/details?id=app.hashx.online>

HashX is a cryptocurrency cloud mining solution based on blockchain technology. The frontend application is a progressive web app (PWA) developed on VueJS with capacitorjs. Backend developed with NodeJS and Python. GitHub versioning tool used in this project. Laravel is also used in the backend.

Blockchain-related virtual mining rig implemented

### **Pecula Official Website**

<https://pecula.in/>

Worked with clients and project managers to enhance the product with market analysis. Training of a team for client-side implementation. Confidence and good communication skills. The website builds with WordPress and I learn WordPress technology such as themes, plugins, core functionalities, and customization. Work with PHP, MySQL, WordPress, CSS, javascript, and HTML.

An attractive website to showcase the company standards

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**Software Developer**  
**BlueBurn Technologies**

March 2016 - August 2018  
2 yrs 5 mos

\* Worked with clients and project managers to enhance the product with market analysis.

- \* Training of a team for client-side implementation.
- \* Confidence and good communication skills.
- \* Developed more than 20 websites for different clients.
- \* Worked with PHP, MySQL, WordPress, CSS, javascript, HTML, Java, and Codignator Framework

### **BlueBurn Technologies Official Website**

<https://blueburn.in/>

Worked with clients and project managers to enhance the product with market analysis. Training of a team for client-side implementation. Confidence and good communication skills. The website builds with WordPress and I learn WordPress technology such as themes, plugins, core functionalities, and customization. Work with PHP, MySQL, WordPress, CSS, javascript, and HTML. An attractive website to showcase the company standards

### **Scout Library - Website**

<https://scoutlibrary.in/>

As a key contributor to the Scout Library project, I actively participated in its success by leveraging my expertise in website development. I played a significant role in building the website using WordPress, along with technologies such as PHP, MySQL, HTML, CSS, and JavaScript. Through my contributions, the platform attracted over 100,000 active users within a month, thanks to the implementation of a fast and user-friendly navigation system. By actively utilizing these technologies, I helped create a comprehensive resource that shared scouting knowledge worldwide, fostering a vibrant scouting community.

### **Scout Library - App**

<https://play.google.com/store/apps/details?id=com.scout.library>

The purpose of this app is to facilitate scouting education by providing comprehensive information through articles. These articles encompass a wide range of scouting topics, including books, references, blogs, videos, and audio files. Users will also receive real-time notifications for each update. The app was developed using Flutter and PHP WordPress API backend, utilizing a JSON-based API. Free educational materials are provided to encourage increased user engagement, while also generating ad revenue from the app.

### **Designoz**

<https://www.facebook.com/designoz.in/>

Designoz is a bespoke designer wear boutique specializing in creating customized designer dresses for all age groups. The website is developed using VueJs and NodeJs, providing a seamless user experience. Our eCommerce platform offers a simple and lightweight web portal that is fully responsive, ensuring compatibility with mobile devices as well.

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**Transaction Analyst**  
**Xerox India Private Limited**

**August 2015 - February 2016**  
**6 mos**

To leverage my expertise in international document processing methods and enhance my skills in spoken and written English for effective email communication. With an improved data typing speed and a proven track record of exceptional performance, I aim to contribute as a Quality Analyst and make a valuable impact within the department

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## Open Source Projects

### Automatic Belling

[https://github.com/captainramkumar/automatic\\_belling](https://github.com/captainramkumar/automatic_belling)

This is an automatic belling software used for schools and colleges. Software built with C#, and MSSQL database. We continuously provide the update after release based on the UAT. Easily alerts the timing of the class periods and automatically plays the prayer in the morning and the National anthem in the evening.

### I-Zender Open Source Android App

<https://play.google.com/store/apps/details?id=com.blueburn.izender>

A Fire sharing app built with Java on Android Studio. Forked and developed from TrebleShot. It helps to improve my skills in working with an existing application. More than 70K downloads. I learn Admob integration to the android app to get earnings from the app.

### Number to WhatsChat Status

<https://play.google.com/store/apps/details?id=com.number.whatschat>

Number to WhatsChat app to send messages to any numbers that are not saved in your contacts. Save photos and video statuses of friends from Whatsapp. I created it in Flutter and Admob Integrated. JSON Based API was used. Utility app to make life easier and earn ad revenue from the app.

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## Side Projects

### Official Personal Website

<https://ramkumarr.in/>

This is my official personal website. PHP, HTML, CSS, JavaScript, JSON, Google Maps, and Email services were used in this project.

### SpaceG Fighter Game - Shooting

<https://play.google.com/store/apps/details?id=com.blueburn.spaceg>

SpaceG is a shooting game with a fighter jet in space. Build with Flutter and AdMob integrated.

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## Education

September 2017 - June 2019

**Annamalai University, Tamil Nadu**

**MSc In Computer Science**

August 2012 - March 2015

**SN Collage Of Technology And Research Center, Karunagappally, Kerala**

**BSc In Computer Science**

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## Certification

**Introduction to Front-End Development**

<https://in.coursera.org/account/accomplishments/verify/B3UAK8M2AWHZ>

**Digital Productivity from UNICEF**

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## Honors and Awards

**Rashtrapathi Award** - As a rover scout, I have been qualified for the Rashtrapati Award

**Sat Sevena Pathram** - Received Sat Sevena Pathram from the director of Fire & Rescue Service, Kerala

**Rajyapuraskar Award** - As a scout, I have received the Rajyapuraskar Award from the governor (R S Gavai) of Kerala state

## Achievements and Responsibilities

- ❖ Worked as a state Chairperson at The Kerala State Bharat Scouts and Guides, and handled members of the state committee.
- ❖ Volunteer as IT Coordinator of Mavelikara District Headquarters, BSG
- ❖ Member of Civil Defence, Fire & Rescue Station, Kyamkulam
- ❖ Ham radio license holder

## News and Media

**24 News Channel**

<https://www.youtube.com/watch?v=SCACv3x4nwA>

**Zee News India**

<https://zeenews.india.com/malayalam/technology/all-you-need-to-know-about-data-sharing-app-i-zender-45648>

**Rashtradeepika**

<https://www.rashtradeepika.com/i-zender-ramkumar-kayamkulam/>

## Publication

**Opensource alternative for database management system**

<https://medium.com/@captainramkumar/an-open-source-alternative-to-database-management-efc029e898e6>


**5 Must-Have Websites Every Front-End Developer Should Know About**

<https://medium.com/@captainramkumar/5-must-have-websites-every-front-end-developer-should-know-about-8304207e9e>

**aaPanel: Everything You Need to Know About the Open-Source Web Hosting Control Panel**

<https://www.bridge-global.com/blog/aapanel-overview/>

## Personal Information

 Address : Kailasam, Govindamuttom P.O., Kayamkulam, Alappuzha, Kerala, India - 690527

 Date of Birth : 21-06-1995

 Gender : Male

 Nationality : Indian

 Passport : Available

## Social Media



## Book Appointments

<https://calendly.com/ramboz>

<https://calendar.app.google/aZ6NTFMiZ1PTnVmy7>

Last Updated: 09-07-2025