

Raam Prathap R V



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[Portfolio](#)



[GitHub](#)

Education

Amrita Vishwa Vidyapeetham

Bachelor Of Technology, Computer Science & Engineering | CGPA: 8.57/10

August 2023 - Present

Coimbatore, India

Experience

Machine Learning Intern @Teachnook

[Intern Certificate](#)

October 2023 -November 2023

Online

Projects

Anokha 2024 | NodeJS, NextJS, ExpressJS, MySQL, nginx, Bash, Flutter, Angular | [GitHub Org Link](#) Team

Project **GitHub:** [Backend](#) | [User Web App](#) | [User App](#) | [Earnings Dashboard](#) | [QR Scan App](#) | [Backup Script](#) | [Admin App](#)

- Led a 17-person team in developing (**9 tools**) for event registrations for our college's techfest Anokha 2024 which had **5000+** users and increased revenue by over **40%** compared to previous years.
- Designed a robust backend, built a **user web** and **Android app (1500+ downloads in Google Play Store)**, integrated with PayU for payment gateway and deployed them in college servers with **nginx proxy pass** rules and **ModSecurity**.
- Crafted admin tools to control the event data, take event attendance with QR codes, monitor earnings, transactions and implement **Bash** scripts and **CRON jobs** for backup, verifying transactions and monitor deployment status.

Vault 007 | Android, Flutter, Dart, Isar, AES CBC, Material 3 | [GitHub Link](#) | [Play Store Link](#) Individual Project

- Developed a user-centric secure password management app with AES-CBC encryption for data protection and biometric authentication (Touch ID/Face ID) using Dart/Flutter, deployed on Google Play Store (100+ downloads).

Air Files | C++, NodeJS, Flutter, Dart, ExpressJS, MySQL, Huffman Coding | [Project Report](#) Team Project

GitHub: [C++ Code Link](#) | [Server Link](#) | [App Link](#) | [Web App Link](#)

- Worked with a team of **4 members** and crafted a cross-platform fast, reliable file-sharing app.
- Files stored in the server are **20%-43%** compressed than the original size which increased the response speed of the server by >20%.
- Ensured secure file sharing by token-based authentication and wrote API's using **ExpressJS, MySQL**.

Technical Skills

Areas of Interest: Full Stack Development, System Design, Competitive Programming, Mentoring

Languages and Frameworks: C, C++, Python, Java, MySQL, SQLite, PostgreSQL, JS, Dart, HTML5, CSS3, Flask, React.js, Android, Node.js, Flutter, TailwindCSS, Express JS, AES CBC, Material 3, Bootstrap, Next.js, Haskell, Solidity, Go, Vue JS, Django, AngularJS, SCSS **Tools and**

Technologies: Git, Linux, Firebase, Isar, Figma, RaspberryPi, Eclipse, Visual Studio, Arduino, AWS EC2, Azure VM, Remix IDE

Awards / Extra-curricular

- **Certificate Of Appreciation | IIT Madras | [View Certificate](#)**
Secured Rank 15 among 250+ students in a series of 8 DSA contests hosted by IIT Madras on CodeChef.
- Project Shortlisted for **Google Solutions Challenge 2024 India Regional Bootcamp | [GitHub Link](#)**
- **Google | Foundations of Cyber Security | [View Certificate](#)**
- **3-star Coder | CodeChef | [View Profile](#)**
- **DevOps Lead | Google Developer Student Clubs, Amrita School of Computing | [View Profile](#) | [Certificate](#)**
- **Trained Carnatic Singer | Youtube Artist | [View YouTube Channel](#)**