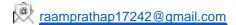
Raam Prathap R V







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

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, Hufman Coding | Project Report GitHub: C++ Code Link | Server Link | App Link | Web App Link

Team Project

- → Worked with a team of *4 members* and crafted a cross-platform fast, reliable fle-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 fle 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

- → Certifcate Of Appreciation | IIT Madras | View Certifcate 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 Profle
- → DevOps Lead | Google Developer Student Clubs, Amrita School of Computing | View Profle | Certificate
- → Trained Carnatic Singer | Youtube Artist | View YouTube Channel