RAJKUMAR S

📞 +91-7592903711 ✉ rajkumaar2304@icloud.com 🌐 rajkumaar.co.in ⭕ rajkumaar23

Education

Amrita Vishwa Vidyapeetham, Coimbatore   **July 2017 – June 2021**
Bachelor of Technology in Computer Science and Engineering   CGPA: 8.51/10

Experience

CodeChef (Unacademy Group)   **May 2020 – Present**
Software Engineer Intern   Bangalore, Karnataka
- Optimised various SQL queries upto a maximum of **10x**.
- Helped in revamping the entire Host Your Contest portal to ReactJS.
- Fixed various kinds of security vulnerabilities from reports of our Bug Bounty Program.

Internshala   **June 2018 – May 2020**
C/C++ Virtual Teaching Assistant   Remote
- Demystified technical queries of students, evaluated assignments and provided feedback.
- Helped in upgrading the training content at https://trainings.internshala.com.

Anokha (Amrita University's Techfest)   **Nov 2019 – Feb 2020**
Head of the Software Development Team   Coimbatore, Tamilnadu
- Managed a **team of 10** in building and delivering a suite of applications essential for organising the techfest.
- The apps included a mobile-friendly PWA based on NuxtJS, an android app, an API service built using Laravel, and an administration portal built using Angular8.

PSG Software Technologies   **May 2019 – June 2019**
Mobile App Developer Intern   Coimbatore, Tamilnadu
- Devised and delivered a cross-platform mobile application using NativeScript, for maintaining the health profiles of families in community areas of PSG Urban Health Centre.

Projects

Amrita Repository | Android, SQLite, Web Scraping, PHP
- Engineered an android application and a telegram bot for my peers to avail old question papers, timetables, exam schedules, attendance, grades with OTP based login and much more.
- As on date, the application has received **7200+** downloads in Play Store, with an average of **4000** monthly active users.
- Received a letter of appreciation from the Dean of engineering department for making the academic lives of students easier.

Amrita Wallet | Android, NodeJS, MongoDB, jQuery, PM2
- Developed an android app for scanning cards and making payments, with the help of a centralised NodeJS server on top of a MongoDB cluster added with an admin portal built using VueJS for monitoring.
- Standardised payments across the university including cafeterias by replacing cash with ID cards, that are rechargeable at stations around the campus, with **3000+** active cards as on date.

Campus Management System | PHP, Laravel, MySQL, Android
- The campus management system notably tracks day-to-day entry/exit of students from campus, is used by security guards and monitored by the college authorities.
- Contributed REST APIs in Laravel and an Android app to the system, and deployed with the help of our university's IT Team.

Technical Skills

Languages: C/C++, PHP, Java, HTML/CSS, JavaScript, SQL
Technologies/Frameworks: Android, Laravel, Angular, ReactJS, NodeJS, Docker, Apache2/Nginx, Bootstrap, Drupal

Awards / Extracurricular

- Secured 2nd position out of 30 teams in PolyCodeGlot, during Anokha 2020.
- Secured 4th position out of 140 in NJACK Winter of Code 2019, organised by IIT-Patna.
- Assisted school kids at a workshop conducted by Mango Education, Coimbatore for them to learn Android application development using the tool, MIT App Inventor.
- Conducted various workshops as the Head of Android, at Developer Student Club powered by Google Developers, wherein 50+ students from all branches of engineering got benefited.