RAJKUMAR S

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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
- Contributed to CCDSAP, HYC, fixed bugs from Bug Bounty Program and optimised SQL queries by 10x.

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, gained exposure to MVC Eloquent ORM, contributed to building REST APIs, and integrated push notifications with the help of Firebase.
- Developed an android app for the techfest and a panel website based on Angular 8, from scratch along with the team.

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

Projects

Amrita Repository | Android, SQLite, Web Scraping, PHP
- Engineered an android app for my fellow college students to avail old question papers, timetables, exam schedules, attendance, grades with OTP based login and much more.
- As on date, the app 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.

Amrita Wallet | Android, NodeJS, MongoDB, jQuery, PM2
- Standardised payments across the university including cafeterias by replacing cash with ID cards, with recharge stations around the campus, with 2000+ users as on date.
- Implemented a suite of apps including 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 Panel built using VueJS for monitoring.

Campus Management System | PHP, Laravel, MySQL, Android
- Amrita CMS 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 and an Android app (Play Store Link) to the system, with the help of university's official 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 to learn Android App Development using the tool, MIT App Inventor.
- Conducted various workshops as Head of Android, Developer Student Club powered by Google Developers , wherein 50+ students from all branches of engineering got benefited.