

Rajkumar Sukumar

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EDUCATION

Arizona State University

Master of Science in Computer Science | GPA : 3.95/4.0

August 2022 – December 2023

Tempe, AZ

Amrita Vishwa Vidyapeetham

Bachelor of Technology in Computer Science and Engineering | GPA : 8.57/10.0

July 2017 – June 2021

Coimbatore, India

EXPERIENCE

Cruise LLC

Software Engineer Intern | Tech : GoLang, Docker, Kubernetes, GCP

May 2023 – Present

Bellevue, WA

- Driving efficiency and productivity of developers as part of the Cruise Shells team (aka Developer Environments), orchestrating seamless software development workflows and optimizing coding environments.

CodeChef (Unacademy Group)

Application Engineer (Prev. Intern) | Tech : PHP, Python, ReactJS, MySQL, SaltStack, AWS

May 2020 – July 2022

Bangalore, India

- Engineered scalable real-time notifications using websockets in nginx by leveraging the 'nchan' module, while also migrating a legacy contest management portal from EmberJS to ReactJS.
- Crafted a PHP CLI tool integrated with Nginx for streamlined site management, and implemented DevOps practices including GitHub action pipelines for release automation and security enhancements.

Anokha (Amrita University's Tech-fest)

Head of the Software Team | Tech: Laravel, MySQL, NuxtJS, Angular8, CentOS

November 2019 – February 2020

Coimbatore, India

- Led a team of 10 in developing and delivering a suite of impactful applications that played a crucial role in organizing the tech-fest, resulting in a seamless and engaging experience for participants and attendees.

PSG Software Technologies

Mobile App Developer Intern | Tech : NodeJS, NativeScript

May 2019 – June 2019

Coimbatore, India

- Designed and deployed a cross-platform mobile application to manage health profiles of families in community areas of PSG Urban Health Centre, promoting efficient healthcare management.

PROJECTS

Notify Abroad | Android, Java | [GitHub Link](#)

- Launched an innovative Android app enabling real-time relay of SMS/calls between devices, leveraging the power of Telegram messaging platform, generating over **700,000** impressions on LinkedIn.

Flowgramming | HTML, Bootstrap, jQuery, JointJS | [Application Link](#)

- Built a progressive web application as an efficient alternative to Flowgorithm, empowering users to seamlessly design & execute flowcharts while encompassing essential programming constructs like user-defined functions & 2D arrays.

Amrita Repository | Android, SQLite, Web Scraping, PHP, Python | [GitHub Link](#)

- Engineered an Android app & Telegram bot providing valuable resources such as old question papers & timetables to peers, resulting in over **10K** downloads in the Play Store and garnering appreciation from the Dean of Engineering.

Amrita Wallet | Android, NodeJS, MongoDB, VueJS

- Implemented cashless payment system university-wide, replacing cash with rechargeable student ID cards, resulting in nearly **5000** active cards.

TECHNICAL SKILLS

Areas of Interest: Full Stack Development, Cyber Security

Languages and Frameworks: C++, PHP, Java, JavaScript, GoLang, SQL, Python, Android, Node.js, Angular, ReactJS

Tools and Technologies: AWS, Docker, Kubernetes, Apache2, Nginx, Jenkins, SaltStack, Neo4j, Kafka

AWARDS / EXTRACURRICULAR

- Empowering students as a tutor at McClintock High School in Tempe, AZ, as part of the AZ-R3 program by Access ASU.
- Recognized with the prestigious **Outstanding Project Award** for Flowgramming by Amrita School of Engineering.
- Worked as a Teaching Assistant at Internshala, catalyzing student learning through support & content enhancement.
- Achieved a remarkable **2nd** position out of 30 teams in a competitive polyglot coding contest at Anokha Tech-fest 2020.
- Acknowledged for reporting critical security vulnerabilities, earning bug bounties from multiple organizations.