Anirudh Ramani

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Objective

MS Computer Science graduate seeking a software development role to apply expertise in algorithms, system design, and coding to build efficient and scalable software solutions.

Education

University of California, Davis	Sep 2023 - Dec 2024
Masters in Computer Science (GPA: 3.93)	*Davis, California*
Savitribai Phule Pune University	Aug 2016 - April 2020
Bachelors in Information Technology (CGPA: 9.43)	*Pune, India*

Technical Skills

Languages: C++, Python, Java, C, JavaScript, R, Kotlin
Databases: MySQL, SQLite, MongoDB, PostgreSQL
Frameworks: HTML, CSS, JSP, JUnit, Mockito, Spring Boot, React, Django, Docker
Platforms: Android Studio, AWS Cloud, Jenkins, SonarQube, RStudio, Prometheus, Grafana

Experience

Barclays   Aug 2020 – Aug 2023
Java Developer   *Pune, India*
- Tested APIs using JUnit and Mockito frameworks and achieved test coverage greater than 65%
- Worked in a team that successfully managed to migrate on-premises data and APIs to AWS Cloud
- Helped in designing groovy scripts for Jenkins pipelines that successfully deployed company APIs onto AWS environment

Siemens PLM   May 2019 – July 2019
Software Engineering Intern   *Pune, India*
- Designed a python program to automate calculation of run-time of test cases to reduce manual effort of testers
- Used Prometheus and Grafana to create a test case visualisation dashboard that helped developers in finding outliers

Projects

Attendance Management System using QR Codes   Aug 2018 – Dec 2018
- Worked in a team of 4 to design a web dashboard for teachers to record student attendance data, leveraging technologies like Java, JSP, HTML, CSS and MySQL to create an interactive website
- Designed a QR code web module which allows students to scan a QR code to automatically mark their attendance for the class

IoT Based Home Automation System   Aug 2019 – April 2020
- Worked in a group of 4 to design a central Raspberry Pi controlled Home automation system which uses MQTT Publish Subscribe Protocol for device to device communication
- Built an android app using Android studio which made it easy for the users to control the various electronic appliances through their phone

PDF Read Aloud   April 2020 – May 2020
- Created an android app PDF Read Aloud which utilizes Google Text to Speech functionality to read out PDFs
- Uploaded app onto Play Store where it reached 10K+ downloads

Certifications & Achievements

Gold Medal in Python Certification Exam
- Secured an All India Rank of 4 in the Python Certification Exam held by Indian Institute of Technology, Madras

Top 3 Finish in Embedded Category
- Secured 3rd prize for IoT based Home Automation System in inter-collegiate project exhibition held by Pune Institute of Computer Technology, Pune