

# Anirudh Ramani

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in [Anirudh-Ramani](#)

🔗 [anirudh-r-hub](#)

## 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.

## 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

## 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

## 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