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EDUCATION

Stevens Institute of Technology, Hoboken, New Jersey, U.S.A.

08/2022-12/2023

Master of Science in Computer Software Engineering

Related Courses: Fundamentals of Software Engineering, Special Topics in Software Engineering (Python Basics), Software Requirements Analysis and Engineering, Advanced Data Structures and Algorithms

Netaji Subhas Institute Of Technology, New Delhi, India

08/2012-06/2016

Bachelor of Engineering in Computer Engineering

Related Courses: Introduction to Programming in JAVA, Data Structures, Design of Algorithms, Database Management, Object Oriented Programming, Software Engineering

SKILLS

- **Programming Languages:** Java, Python (Basics) **Databases:** MySQL, MongoDB (Basics)
- **Backend Frameworks:** JSP & Servlet, Spring, SpringBoot2, Spring MVC REST, Spring Data JPA
- **Other Technologies:** Spring Cloud (Zuul & API Gateway + Eureka), RESTful Web Services, Swagger, AWS

EXPERIENCE

Google India Private Limited, Bangalore, India

06/2021-08/2022

Software Engineer

- Designed and developed multiple backend APIs for android application by using **Cloud Firestore** to help 1000+ users operate smart home appliances effortlessly
- Networked with teams across different time zones, managed groups involving technical discussions and programmed android platform API to share media items across user profiles for Android 13 version

OneAssist Consumer Solutions Private Limited, Gurgaon, India

09/2018-06/2021

Software Engineer

- Upgraded monolithic application to Microservices architecture following **Domain Driven Design** to improve performance, scalability and maintainability of **OneAssist Application** for **2.5M users**
- Integrated India's largest e-commerce with OneAssist's subscription Microservice, amplifying sales by 50%
- Devised a plan to implement fraud detection flow for iPhone users, boosting revenue by 10% in a span of 6 months

Arcesium India Pvt. Ltd. (DE Shaw Group), Hyderabad, India

07/2016-03/2018

Software Engineer

- Built an optimized functionality to allocate capital returns in hedge fund families utilizing **Graph algorithms**
- Drafted technical documents, worked on projects following **SDLC** and played role of **Scrum Master** leading a team of 5 developers for 9 months

Samsung R&D Institute India - Bangalore Pvt. Ltd.

06/2015-07/2015

Software Developer Intern

- Proliferated organisation's code quality by refactoring code as per **SonarQube** standards, increasing maintainability of production applications in a short period of 2 months
- Performed **JUNIT** testing with **Mockito** and automated 50+ test cases in application, enhancing code coverage to 50%

ACADEMIC PROJECTS

University Courses Review Portal

02/2016-05/2016

- Collaborated and participated in technical group discussions and created web application (Spring Boot framework) where users can rate and review courses, visit faculty profile and view courses taught in Major
- Developed REST APIs adhering to Spring MVC REST and integrated Swagger for structured API documentation

ACHIEVEMENTS

- Appeared in Round A of **Google APAC Test for University Graduates** 2016 and acquired global rank 440
- Awarded with **Academic Excellence Scholarship** for securing a rank in top 25% of students in Delhi University
- Mentored and coached almost 100 students on an open source platform **Disqus**
- Volunteered as team mentor with three undergrad students, handling and facilitating work among team members
- Attained 2028 as highest rating on **Codechef**, thus maintaining a **`5 star coder`** badge
- Awarded **Academic Excellence Scholarship** by CBSE for being a **school topper** & obtaining 100% marks in Mathematics