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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:** Special Topics in Software Engineering (Python), Software Requirements Analysis and Engineering, Advanced Data Structures and Algorithms, Software Testing, Quality Assurance and Maintenance

**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
- **Databases:** MySQL, MongoDB
- **Backend Frameworks:** Spring, Spring Boot, Spring MVC REST, Spring Data JPA, Hibernate, Spring Cloud
- **Other Technologies:** Microservices Architecture, Zuul API Gateway, Redis, RESTful Web Services, RPC APIs, Protocol Buffers (Protobuf), JSON, Git, Linux, Message Queues (Amazon SQS), Amazon Web Services

## EXPERIENCE

**Google, Bangalore, India**

**06/2021-08/2022**

**Software Engineer**

- Designed and developed multiple backend APIs for android application by using **Cloud Firestore** to help 10000+ 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, 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 (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**

**06/2015-07/2015**

**Software Developer Intern**

- Enhanced 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**