Himanshu Dagar

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EDUCATION

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, Operating System, Software Engineering

SKILLS

- **Programming Languages:** Java, Python (Basic)
- **Database:** MySQL, MongoDB
- **Backend Framework:** JSP & Servlet, Spring, Hibernate
- **Other Technologies:** SpringBoot2, Spring Cloud (Zuul & API Gateway + Eureka), RESTful Web Services, AWS

EXPERIENCE

Google
Software Engineer   **06/2021-Present**
- Working on building the optimized and easy to use OS as part of the Android Platform team

OneAssist Consumer Solutions Private Limited, Gurgaon, India   **09/2018-06/2021**
Software Engineer
- Worked on migrating monolithic application to Microservices architecture using **Domain Driven Design** to improve performance, scalability and maintainability of **OneAssist Application**
- Integrated India's largest e-commerce with OneAssist's subscription Microservice, increasing sales by 50%
- Used RESTful Web Services to integrate India's prominent payment gateways **PayU, Paytm** and **Razorpay** to process 5000+ daily payments

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**
- Oversaw processing of technical documents, worked on projects following **SDLC** and played the role of **Scrum Master** on a rotational basis.
- Engineered web application to leverage filters for user authentication and authorization using **Spring Security**

Samsung R&D Institute India - Bangalore Pvt. Ltd.   **06/2015-07/2015**
Software Developer Intern
- Improved organization's code quality & security by inspecting bugs from **SonarQube** and interacting with Quality Assurance team, hence reducing count of real and potential bugs in production environment
- Performed **JUNIT** testing with **Mockito** and fixed 50+ bugs in application, enhancing code coverage to 50%

ACADEMIC PROJECTS

University Courses Review Portal   **02/2016-05/2016**
- Collaborated with team, 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
- Designed and developed user interface for web application primarily in **HTML, CSS, JavaScript and AngularJS**
- Added Login and Signup functionality with **Spring Security** and tested it for more than 100 users in college
- Developed REST APIs adhering to **Spring MVC REST** and integrated **Swagger** for structured API documentation
- Used **Amazon RDS** for MySQL database and deployed APIs on **Amazon EC2**

ACHIEVEMENTS

- Participated in Round A of **Google APAC Test for University Graduates** 2016 and secured global rank 440
- Awarded with **Academic Excellence Scholarship** for securing a rank in top 25% of students in Delhi University
- Achieved 95% marks in an online course, **Programming Data Structures & Algorithms**, by IIT Madras
- Participated in a coding contest, **CodeCraft**, organized by IIIT Hyderabad and secured a rank under 40 out of 600 participants
- Contributed to an open source platform **Disqus**, mentored and coached almost 100 students
- Volunteered as team mentor with three undergrad students, helping and dividing work among team members
- Attained 2028 as highest rating on **Codechef**, securing a `5 star coder` badge
- Awarded **Academic Excellence Scholarship** by CBSE for being a **school topper** & securing 100% marks in Mathematics