

MAYANK SOLANKI

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EXPERIENCE

Biz2X **Noida, India**
Senior Software Engineer - Fintech Microservices | Java, NodeJS, Angular, Python, Spring Jan 2024 – Aug 2024

- Led **end-to-end tenant deletion workflow**, enabling cleanup of fraud and stale mails and achieving **\$42 PB** storage savings.
- Identified and flagged **fraudulent mails** through **usage analysis and log correlation**, saving approx. **\$85,000** in network COGS.
- Designed **scalable workflow** to track and categorize **deletion failures**, enabling continuous improvement and error trend analysis.
- Built a **Lender Portal dashboard** for **fraud remediation metrics**, with filtering and analytics for false positives and lifecycle tracking.

GeeksforGeeks **Noida, India**
Senior Member of Technical Staff - Payment Gateway | Java, NodeJS, Python, JS, AWS, Spring Feb 2022 – March 2023

- Developed and delivered **Font Browser** product for **GeeksforGeeks Payment Gateway**, enhancing the application's typography features by **40%**.
- Engineered Font Browser to load fonts from **Premium Articles** at runtime, allowing users to explore and apply fonts seamlessly.
- Managed and collaborated **paywall** functionality for premium addsfree experience which enhanced usability and reduced related issues by **25%**

GeeksforGeeks **Noida, India**
Member of Technical Staff - Premium Adsfree | Java, NodeJS, Python, JS, AWS, Spring Sep 2020 – Feb 2022

- Developed and delivered text feature product for **Premium Adsfree**, increasing user engagement by **20%** and user satisfaction by **15%**.
- Contributed to Unified Engineering by overseeing **analytics** and conducting rigorous **testing** of key features, ensuring robust performance and user satisfaction.
- Received **Spot Award** for enhancing text features and exemplifying core values such as 'Genuine', 'Inclusive', and 'Innovative'.

Northcorp Software **Gurugram, India**
Software Engineering Intern | Java, Apache, Tomcat, AWS, Kubernetes May 2019 – Jul 2019

- Designed and built a framework using **Web Scrapping** that automates the process of finding the optimal and most cost-effective flights on platforms such as Expedia.

Coding Ninjas **Delhi, India**
C++ Instructor | C++ Sep 2018 – Dec 2018

- Instructed over 100 students in regular and crash courses on C++, covering fundamentals, OOP, and data structures. Achieved a **90%** course completion rate and facilitated an **85%** average improvement in exam scores.

PUBLICATIONS

- Scalable Microservice Design Patterns in Java-Based Applications.** (Analyzed use of: **J2SE, JDBC, JSP, Servlets, J2EE, Spring, and Spring Boot** on public portal. Developed an algorithm to represent complex concepts of J2EE to balance between accuracy and simplicity by appending code-snippets.
- Architectural Trade-offs in Scalable System Design.** Surveyed LLD, HLD, and design patterns for distributed architectures, highlighting trade-offs in modularity, performance, and maintainability across layered systems.

CERTIFICATIONS

- Full Stack Development with React Node JS** MERN Stack
- JAVA Backend Development** Spring Framework
- System Design** Low-level designing, Architecture, High-level designing

SKILLS

Technical Skills: C/C++, C#, Objective C, Java, Python, Data Structures and Algorithm, OOP Concepts, SQL and DBMS, System Design, Web Development, Backend Java Development, Cross Platform Development, User Server Facing Feature Development

Tools and Technologies: Java, Java8, Spring, SpringBoot, Design Patterns, Microservices, MongoDB, Express, React, Redux, NodeJS.

ACHIEVEMENTS

- * Won the **xTech Hackathon** team CodeRed hackathon by building a PoC for a face recognition - based artwork creation feature.
- * Logistic Head at Cultural fest - **Engifest** and PR Head at Technical Fest - **Invictus**.
- * Won **Scholar Badge** for contribution in system design, java backend and web development.
- * **Leetcode** - Knight , **Codechef** - 5 star

EDUCATION

Delhi Technological University **Delhi, India**
Bachelor of Technology, Information Technology 2016 – 2020