SANJAY MEHTA

Senior Software Engineer

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Portfolio LinkedIn GitHub Substack

SUMMARY

Results-driven Senior software engineer with over 6 years of experience in designing, developing, and maintaining high-performance applications. Expertise in Java, Spring Boot, microservices, AWS, Angular, and ReactJS. I excel in designing scalable solutions, enhancing performance, and guiding development teams. Passionate about building robust, secure, and efficient software systems that drive business growth.

EXPERIENCE

Senior Software Engineer, HiDubai.com, Dubai, UAE, 10-2023 - Present

- **Implemented** high-performance RESTful APIs for HiDubai business users using **TDD** approach, handling thousands of requests per second, and increased user engagement by **30%**.
- **Headed** the implementation of an **API Gateway Caching** using **AWS**, improving latency by **30%** and boosting system performance by **25%**.
- **Built 10+** responsive **UI components**, achieving a **95% satisfaction rate** and ensuring seamless integration with **2 legacy systems** while maintaining **100%** backward compatibility.
- **Resolved** critical **Elasticsearch indexing issues**, increased customer interaction, and improved system search functionality by **20%**.
- **Mentored** junior developers, conducted code reviews, and established best coding practices.

Senior Technical Consultant, Ernst & Young, Gurugram, India, 03-2022 - 09-2023

- **Integrated** video-based statement functionality as a part of the enhancement of the current architecture of the **Simplified Member Benefit Statement (SMBS)** using **Idomoo APIs**, increasing user engagement by **35%**.
- **Designed and developed** a scalable **serverless architecture** on **AWS** for the implementation of the **Video Benefit Statement (VBS)** feature into existing SMBS architecture, enabling seamless video processing and delivery, which increased user activity by **30%**.
- **Applied** API security policies and rate limiting, protecting backend systems from abuse and **DDoS** attacks, which results in **25%** of improvement in system security and performance.
- **Drove** adoption of **TDD best practices**, reducing post-release defects by **40%**.

Software Engineer, Adapt Middle East, Dubai, UAE, 01-2021 - 01-2022

- **Led** a team of **four** in developing a **near real-time dashboard** for **MOHAP**, improving the client experience to interact with the system and gauge the details of every hospital of each emirate into **one single dashboard,** which boosted the performance of the system by **25%**.
- **Created** RESTful APIs for **MOCCAE**, enhancing real-time data synchronization and increasing user engagement by **30%**.
- **Designed** core modules of a **Queue Management System**, enhanced user engagement by **15%**.

Software Engineer, Inventum Technologies, Noida, India, 06-2019 - 01-2021

- **Built** an **Internet Protocol Detail Project** using **Kafka and Cassandra**, improving real-time data capture and increasing user engagement by **40%**.
- **Streamlined** database queries, improving system performance by **30%**.
- **Developed** SOAP APIs, enabling seamless client integrations.

Software Engineer, iOptiBiz Solutions Pvt Ltd, Noida, India, 08-2018 - 06-2019

- **Implemented** caching strategies of static files, reducing response time by **30%**.
- **Devised** an **automated employee scheduling service for the bench project**, improving resource allocation efficiency by **20%**.
- **Built** high performance RESTful APIs for project management module.

EDUCATION

Master of Computer Application (MCA) | Indira Gandhi National Open University | 2016-2018
Bachelor of Computer Application (BCA) | Indira Gandhi National Open University | 2013-2016

CERTIFICATIONS

- **AWS Certified Solutions Architect-Associate (Certificate)**
- **AWS Certified Cloud Practitioner (Certificate)**
- **100 Problems on AlgoExpert.io (Certificate)**
- **Angular-The Complete Guide (2020 Edition) (Udemy Certificate)**
- **Docker-The Practical Guide (2023 Edition) (Udemy Certificate)**
- **MongoDB-The Complete Developer's Guide (2023) (Udemy Certificate)**

SKILLS

Backend

Java (8 & 17), J2EE, Spring Boot, Microservices, Hibernate, JPA, RESTful & SOAP APIs, Apache Kafka, PostgreSQL, MySQL, Redis, MongoDB, TDD, Design Patterns, ELK Stack, Docker, Kubernetes, Git, Agile, XP

Frontend

HTML, CSS, JavaScript, Angular, ReactJS, Bootstrap

Tools & Cloud Platforms

AWS (Lambda, API Gateway, S3, DynamoDB, CloudWatch), Postman, Jenkins, Jira, GitHub, Bitbucket, Linux, MacOS

ADDITIONAL

Hobbies: Blogging, Badminton, Jogging, Reading
Languages: English (Proficient), Hindi (Proficient)