

MOHAMMAD SAMEER

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PROFESSIONAL SUMMARY

Final-year Computer Science Engineering student with hands-on experience in distributed systems, backend microservices, and full-stack development using Java, Spring Boot, Apache Kafka, and the MERN stack.

Proven ability to design and ship production-grade applications; seeking an SDE, Backend, or Full Stack role to contribute to high-impact engineering teams.

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, SQL, C

Backend: Spring Boot, Spring Security, Node.js, Express.js, Apache Kafka, REST APIs, Microservices, Distributed Systems

Frontend: React.js, HTML5, CSS3

Databases: MySQL, MongoDB, Redis, H2

Tools: Docker, Git, GitHub, Maven, Spring Data JPA, Postman, VS Code

Core CS: Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks, Software Engineering

PROJECTS

Event-Driven E-Commerce Platform

Spring Boot | Apache Kafka | Microservices | REST APIs | MySQL | Docker

- Architected a distributed e-commerce backend using Spring Boot microservices and Apache Kafka, enabling scalable event-driven communication across decoupled order, inventory, and payment services.
- Designed RESTful APIs and asynchronous Kafka producer-consumer pipelines ensuring fault-tolerant transaction processing and reliable inter-service messaging.
- Containerized all microservices with Docker, standardizing CI/CD-ready deployment pipelines and ensuring environment consistency across development and production.

ResuMate AI – Resume Intelligence & Interview Coaching Platform

MERN Stack | Gemini API | MongoDB Atlas | JWT Authentication

- Built a production-ready full-stack AI platform for resume analysis, ATS scoring, job-description matching, and interview preparation using React, Node.js, Express.js, and MongoDB Atlas.
- Integrated Google Gemini AI to power resume improvement recommendations, skill-gap analysis, and dynamically generated role-specific interview questions.
- Implemented secure JWT authentication, session management, analytics dashboards, and cloud-persisted resume lifecycle management following SaaS architecture patterns.

AuthSphere – Enterprise Identity & Access Management Platform

MERN Stack | JWT | Redis | RBAC | MongoDB

- Engineered a production-grade identity platform with JWT authentication, rotating refresh tokens, RBAC, token blacklisting, and complete session lifecycle management.
- Implemented secure middleware pipelines and centralized authorization mechanisms to enforce access policies consistently across all protected resources.
- Optimized authentication throughput and session scalability using Redis-based token caching, and delivered enterprise features including audit logging, device tracking, and API rate limiting.

VIRTUAL EXPERIENCE

JPMorgan Chase & Co. – Software Engineering Virtual Experience

Forage

Spring Boot | Apache Kafka | Spring Data JPA | REST APIs | H2 | Maven

- Integrated Apache Kafka into a Spring Boot microservice to consume and process high-volume transaction events using configurable topics and embedded Kafka testing frameworks.
- Implemented transaction validation, persistence, and balance management using Spring Data JPA, relational entity modeling, and H2 SQL database integration.
- Built REST endpoints and validated end-to-end application reliability through Maven testing and verification of messaging, database, and API interactions.

INTERNSHIPS

MERN Full Stack Development Internship

March 2026

EduSkills Academy

- Designed and shipped full-stack web applications using the MERN stack, applying RESTful API conventions and component-driven React frontend architecture.

AI-ML Virtual Internship

Oct 2025 – Dec 2025

Google for Developers | EduSkills | AICTE

- Executed ML model training and data pipeline construction under the Google for Developers program, applying AI-driven workflows to real-world datasets.

Web Full Stack Developer Internship

Apr 2025 – Jun 2025

EduSkills | AICTE

- Delivered responsive web applications integrating frontend UI components, REST APIs, and database layers following structured full-stack development workflows.

EDUCATION

B.Tech – Computer Science & Engineering <i>Sreenidhi Institute of Science and Technology (SNIST), Hyderabad</i>	2023 – 2027 CGPA: 8.07
Diploma – Computer Science & Engineering <i>KDR Government Polytechnic College</i>	2021 – 2023 CGPA: 9.27

CERTIFICATIONS & ACHIEVEMENTS

- HackFusion 2026 – International Hackathon & Project Expo Participant
- MERN Full Stack Development Internship Certificate – EduSkills Academy
- AI-ML Virtual Internship Certificate – Google for Developers | EduSkills | AICTE
- Web Full Stack Developer Virtual Internship Certificate – EduSkills | AICTE