MD SAMEER AHMAD

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SUMMARY

Aspiring Backend & Mobile Developer with hands-on experience in **System Design** and building scalable, production-ready applications. Strong foundation in Java and Data Structures & Algorithms, with practical exposure to distributed systems, **RESTful services**, **Kafka-based event streaming**, and automated **CI/CD pipelines**. Experienced in developing real-world projects focused on performance, reliability, and clean architecture. Currently exploring **AI/ML and LLM-driven systems** to design intelligent, data-powered solutions that solve complex business challenges.

TECHNICAL PROFICIENCIES

Programming Languages: Java, Python, JavaScript, Dart

Backend & System Design: Spring Boot, REST APIs, Distributed Systems, Authentication & Authorization, Real-Time Architectures, PostgreSQL, Database Design, Cloud Deployment (AWS EC2)

Frontend & Mobile Development: Flutter, React, Next.js, HTML, CSS, Tailwind CSS, Bootstrap

Tools & Platforms: Firebase, Figma, Git/GitHub, VS Code, Android Studio

Professional Strengths: Analytical Thinking, Effective Communication, Ownership, Adaptability, Continuous Learning

WORK EXPERIENCE

AI-ML Virtual Internship | AICTE EduSkills & AWS Academy | April–June 2025   **Link**

- Completed a 10-week structured internship focused on practical **AI/ML applications**
- Worked on real-world datasets involving data preprocessing, feature engineering, and model evaluation
- Built and tested **machine learning models** using industry-relevant tools and workflows
- Gained exposure to **cloud-based ML concepts** and deployment fundamentals
- Strengthened analytical thinking and applied **AI techniques** to solve real-world problem statements

JPMorgan Chase & Co. – Software Engineering Virtual Experience Program (Forage) | October 2025   **Link**

- Completed a practical job simulation focused on backend engineering workflows
- Implemented **Kafka-based messaging integration** for event-driven communication
- Designed and developed REST API endpoints and controllers
- Worked on **API integration** and backend logic implementation
- Strengthened understanding of distributed systems concepts and real-world financial **software architecture**

PROJECTS

Freelance Project – Organizational Portfolio Website – Madarsa Arabia | madarsaarabia.in | GitHub

- Designed, developed, and deployed a fully responsive organizational website for a live client
- Implemented scalable multilingual architecture using i18n for seamless content localization
- Integrated WhatsApp Click-to-Chat to enhance user engagement and direct communication
- Delivered performance-optimized UI with clean, maintainable code and cross-device compatibility
- Helped the organization improve outreach, provide structured information to visitors, and streamline communication with stakeholders

Backend Developer | Referral & Rewards Web Application | GitHUb

- Designed a microservices-based backend with API Gateway for scalable architecture
- Implemented referral logic, wallet ledger management, and transaction workflows
- Secured APIs using JWT authentication and email OTP verification
- Built admin approval systems to streamline operational processes
- Automated CI/CD pipelines and deployed on AWS EC2 with Docker

EDUCATION

JIS COLLEGE OF ENGINEERING	2023-2027
B.Tech in Electronics & Communication Engineering : 7.60 CGPA	Kolkata, India
SWAMI SAHJANAD COLLEGE	2020-2022
Intermediate of Science - 74%	Bihar, India

ACHIEVEMENTS & CERTIFICATES

- Android App Development Link
- NPTEL (IIT Madras) - Introduction to Database Systems Link
- NPTEL (IIT Kharagpur) – Programming in Java | Elite Certification Link
- Adobe Hackathon Link