

MOHD SAMI AHMED

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Career Overview

I'm a software developer who loves combining the power of Java with the possibilities of Generative AI. With 2 years of experience at Tech Mahindra, I have worked on solving complex backend issues, improving system performance, and making everyday workflows smarter. I'm always exploring how AI can simplify the way we build and support applications. Basically, turning the work challenges into clean & scalable solutions.

Skills

- ✦ **Languages:** Java, SQL, C++ (Basics)
- ✦ **Frameworks:** Spring Boot, Hibernate
- ✦ **Architecture:** Microservices
- ✦ **Databases:** MySQL
- ✦ **Cloud & Platforms:** Cloud Computing (Basics), Windows OS, IntelliJ IDEA, Word Press
- ✦ **Gen AI & Chatbots:** Prompt Engineering, Google Gemini, Chat Bots, Hugging Face (Basics)
- ✦ **Foundations:** Cryptography (Basics), Fundamentals of Cyber-Security & Information Security, OOPs Concepts, SDLC

Work History

- ✦ **Software Engineer - Tech Mahindra** Dec 2023 - Present
 - ✦ **Client:** Nissan Automobile Manufacturer | **Project:** Development & Production Support
 - Client Profile:** Nissan is an Automobile manufacturing company based in UK-Sunderland.
 - Skilled at maintaining Java Applications with a focus on ensuring maximum uptime & quick incident resolution, while also analysing source code in depth to troubleshoot & address business-reported issues effectively.
 - Handled on-call support for production environments, resolving user-reported issues within defined SLA timelines while gaining a strong understanding of existing functionality and program logic.
 - Successfully tackled more than 100 critical incidents by tracing root causes, & driving resolutions; consistently meeting SLA targets & boosting overall system reliability. Additionally, contributed to backend development by creating data-handling modules with JPA & MySQL.
 - Supported deployment of new features by coordinating with QA and development teams, ensuring smooth releases. With managing live implementations and issue resolution through ServiceNow, including creation of changes and support handover plans.
 - Contributed to project success through active involvement in KT sessions, stand-ups, and status meetings.
- ✦ **Full Stack Developer with Java Intern - QSpiders & JSpiders** Mar 2023-Oct 2023
 - Underwent intensive training in full stack development, focusing on Java, SQL, HTML, CSS, and backend technologies like JDBC and Servlets.
 - Completed hands-on assignments and mini-projects to apply concepts in real-time scenarios, strengthening both frontend and backend development skills.
 - Participated in career readiness sessions including resume building, mock interviews, and soft skill training to prepare for client-facing roles in the software industry.

Project:

✦ “Etsy Art Prompt” - AI-Powered Creative Assistant Personalized for Etsy

✦ Developed a **menu-driven interface** with 8 intelligent options covering the complete Etsy listing workflow starting from predictive analysis of top-performing flower names and art styles to generating image prompts, mock-up ideas, SEO-optimized titles, detailed descriptions, and niche-aligned listing tags.

✦ Implemented a **markdown-style response format** (console-style output) to deliver content in a well-structured, readable block layout; ensuring easy copy-paste and clean output for preparing listings or planning new designs.

✦ Embedded real-time **market signal awareness**, enabling the tool to recommend design ideas and keywords based on current Etsy trends, including popular aesthetics (e.g., watercolour botanicals, Japandi, Boho), best-selling combinations, and seasonal shifts according to user demand.

✦ Automates the manual process of crafting Etsy content by accepting input as a single keyword or idea or a reference image then instantly receive a full set of crisps, ready-to-use listing material which will save hours of research and reducing listing headache.

✦ This design enhances the creativity by handling the technical and marketing side of product listings, & is now an essential internal asset in maintaining consistency to me with SEO effectiveness, and design direction across the shop.

Tech Stack / Tools:

✦ Google Gemini ✦ Prompt Engineering ✦ Etsy Market Research ✦ Markdown-style Output ✦ SEO Writing ✦ Creative Automation

Education:

✦ B. Tech in Computer Science & Engineering from JNTUH	(7.96/10)	Aug 2019-July2023
✦ Narayana Junior College, Dilsukhnagar	(9.10/10)	May 2017- Apr 2019
✦ Vikas High School, Hyderabad	(7.50/10)	Apr 2016 - Mar 2017

Certificates & Achievements:

✦ [Career Essentials in Software Development by Microsoft & LinkedIn](#)

Built a strong foundation in SDLC, debugging, logical thinking, and problem-solving for tech careers.

✦ [EF SET English Certificate 61/100 \(C1 Advanced\)](#) - EF SET

Advanced English proficiency score of 61/100 in reading, comprehension, and communication skills.

✦ Cryptocurrency Foundation - LinkedIn

Explored blockchain, digital currencies, and encryption fundamentals.

✦ Amazon Go Computer Vision - Edugrad

Understood how AI, cameras, and sensors power smart, cashier-less real-time retail systems.

✦ Managerial Economics - LinkedIn

Understood how economic principles impact business decisions, including supply and demand, cost analysis, and market dynamics.

Soft Skills:

✦ Team Collaboration ✦ Problem Solving ✦ Communication ✦ Adaptability ✦ Decision-Making

Languages:

✦ English ✦ Urdu ✦ Hindi ✦ Telugu