

# MOHD SAMI AHMED

</Java & Gen AI Developer>

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## Career Overview

I'm a Java developer who loves combining the power of Java and 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
- ✧ **Frameworks:** Spring Boot basics, Hibernate
- ✧ **Databases:** MySQL
- ✧ **Cloud & Platforms:** Cloud Computing (Basics), Windows OS, IntelliJ IDEA, Word Press
- ✧ **Gen AI & Chatbots:** Prompt Engineering, Gemini, Chat Bots (refer my Portfolio), Hugging Face (Basics)
- ✧ **Foundations:** Cryptography (Basics), Fundamentals of Cyber-Security & Information Security, OOPs Concepts, SDLC

## Work History

✦ **Java Developer - Tech Mahindra** Dec 2023 - Present

✧ **Client:** Nissan Automobile Manufacturer

**Client Profile:** Nissan is an Automobile manufacturing company based in UK-Sunderland.

- Worked on the backend development of multiple Java-based applications built using Spring Boot, Hibernate, and JDBC, mainly focusing on improving performance and reliability.
- I have actively debugged and analysed backend issues by checking logs, thread dumps, and tracing application flow to find the real root cause.
- Implemented code-level fixes and fine-tuned SQL queries, which helped in reducing CPU utilization and improving response times.
- Enhanced existing modules such as Vehicle Sales Enquiry (VSE) and Safety Management System (SMS) by refining data retrieval logic and adding stronger exception handling.
- Closely collaborated with the Database and Middleware teams during deployment and configuration on JBoss servers to ensure smooth releases.
- I have also took part in **performance tuning and memory optimization**, ensuring the applications stayed stable and efficient even under heavy use.

✦ **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 Lead ✦ Problem Solving ✦ Communication ✦ Adaptability ✦ Decision-Making

## Languages:

✦ English ✦ Urdu ✦ Hindi ✦ Telugu