Tanushi Agnihotri

 Tanushi Agnihotri | Tanushi Agnihotri | tanushiagni@gmail.com | 8081561157

SUMMARY

A passionate Java developer with a solid foundation in Data Structures and Algorithms, Object-Oriented Programming, and SQL. Experienced in building scalable applications, including a QuizGenAI and BidSmart project showcasing full-stack development and database management. Strong problem solving skills with the ability to write clean and efficient code and a keen interest in designing optimized solutions.

WORK EXPERIENCE

AI/ML Trainee – SRDT Training Program   May 2025 – Aug 2025

- Built web apps using Spring Boot.
- Trained ML models for regression and classification on real-world datasets
- Integrated AI models (Google Gemini, OpenAI) via APIs for intelligent features
- Projects included: AI Quiz Generator App
- Used GitLab for version control and deployment
- Gained some hands-on experience in NLP, transformers, and prompt engineering

PROJECTS

QuizGenAI – AI-Powered Quiz Generator — Python, Google Gemini API   Link to Demo

- Developed QuizGenAI, an intelligent quiz generation system that automatically creates topic-based quizzes using Google Gemini Generative AI API.
- Implemented an interactive Web interface where users can enter any subject or concept and instantly receive a quiz.
- Designed logic for difficulty levels (easy, medium, hard) and question types (MCQ, True/False).
- Used Flask for creating a simple web UI and JSON handling for managing quiz data.
- Showcased skills in prompt engineering, API integration, and AI-driven automation for educational tools.

BidSmart – Online Bidding System — Java, Spring Boot, MySQL   Link to Demo

- Developed BidSmart, an online auction platform where sellers can list products and buyers can place bids in real time.
- role-based authentication for Buyers, Sellers, and Admin using Spring Security.
- Designed and optimized RESTful APIs for product listing, bidding, and winner selection.
- Applied bid validation logic ensuring only the highest and valid bids are accepted during the auction period.
- Built a relational database (User, Seller, Product, Bid) using MySQL and JPA/Hibernate.
- Followed MVC architecture and Object-Oriented Design for scalability and maintainability.

ACHIEVEMENTS AND RESPONSIBILITY

Achievements:	Achieved 3rd rank in 10th grade among all students in Lucknow city, demonstrating academic excellence from an early stage. Secured 7th rank in 12th grade city-level exams, showcasing consistent high performance and dedication.
Positions:	Student Council Member at SRMCEM , Actively represented student interests and contributed to decision-making in academic and cultural events. Coordinated inter-departmental activities, workshops, and annual college fests.

EDUCATION

2022 - Present	Bachelor's Degree at **SRMCEM**	(GPA: 8.89/10)
2020 - 2021	Class 12th UP BOARD	(Grades :- 90.8)
2018 - 2019	Class 10th UP BOARD	(Grades:- 92.17)

SKILLS

Programming Languages:	Java-(core) , JavaScript, HTML, CSS, SQL, C, Python basics.
Frameworks & Libraries:	SpringBoot, HTML, CSS, JavaScript, OOPS, JDBC, Maven, Hibernate, Spring Security.
Databases:	SQL Workbench, PostgreSQL, MySQL.
DevOps & Tools:	Github, VS Code, Intellij.