

# Mohammad Sameer

## Software Engineer

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### SUMMARY

Software engineer skilled in Java, data structures, and scalable application development. Experienced in machine learning, NLP, and databases, with a focus on performance and security. Proficient in designing and optimizing solutions to meet business needs. Strong problem-solving and collaboration skills with experience in technical documentation. Passionate about leveraging AI and financial technologies to build efficient and innovative solutions. Adaptable to fast-paced environments and committed to continuous learning. Dedicated to writing clean, maintainable, and high-quality code.

### EXPERIENCE

#### Software Engineering Intern (Java & DSA)

Hyderabad

##### A.N.D Interns

11/2022 - 01/2023

- Gained hands-on experience in core Java programming, including object-oriented programming OOP, data types, exception handling, and multithreading.
- Proficient in using the Java Collections Framework Lists, Sets, Maps, Queues to implement efficient data structures and enhance problem-solving.
- Studied and applied fundamental data structures like arrays, linked lists, stacks, queues, trees, and graphs in Java.
- Completed hands-on coding assignments to enhance problem-solving speed and efficiency under time constraints

### SKILLS

Core Java, CSS, Data Structures, JDBC, Flask, GitHub, HTML, JavaScript, React, Matplotlib, NLP, NumPy, OOP, Pandas, PyCharm, Python, MySQL, Computer Networking, AWS.

### EDUCATION

#### Bachelor of Engineering (B.E.) in Computer Science with a Specialization in Machine Learning

Hyderabad

10/2022 - 06/2025

Lords Institute of Engineering and Technology(OU)

#### Diploma in Chemical Engineering

Hyderabad

10/2019 - 05/2022

Jawaharlal Nehru Govt Polytechnic

### PROJECTS

#### AI-powered chatbot for automated price negotiation in e-commerce | Python, Flask, MySQL & ML

Developed a negotiating chatbot for e-commerce based on user engagement.

- Developed a negotiating chatbot for e-commerce websites using Python and Flask, allowing customers to engage in text and voice-based negotiations with the system.
- Designed and implemented a negotiation algorithm, allowing the chatbot to offer dynamic pricing and discounts based on user input.
- Integrated natural language processing NLP techniques to understand and process user queries in both text and voice formats, enhancing the chatbot's conversational abilities.
- Created the frontend interface using HTML, CSS, and JavaScript, ensuring an intuitive and responsive design for seamless text and voice interactions with the chatbot.

#### E-Commerce Website (Amazon Clone)

Built an interactive and scalable e-commerce platform, replicating key Amazon functionalities like product listings and a shopping cart

Developed a responsive Amazon-like e-commerce platform with product listings and a shopping cart

- Implemented React components for a dynamic and interactive user interface
- Designed a modern and user-friendly UI using CSS for styling and layout
- Implemented client-side state management to enhance user interactions and product filtering

#### Online Quiz Application | Java, JDBC, Servlets, MySQL

Built a Java-based web application where users can register, take quizzes, and store scores

- Implemented user authentication (register/login) using JDBC and MySQL.
- Stored and evaluated quiz results dynamically, ensuring smooth user experience.
- Developed quiz handling logic using Java Servlets to fetch random questions from the database
- Designed an intuitive user interface for seamless quiz participation.