

# AREEBA FATIMA

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## EDUCATION

<b>Bachelor of Engineering in Computer Science</b>	<b>Expected 2028</b>
Stanley College of Engineering and Technology for Women, Osmania University	Hyderabad, India
CGPA: 8.5/10   Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming	
<b>CBSE Higher Secondary (Class XII)</b>	<b>2024</b>
Gems United Indian School	80%

## TECHNICAL SKILLS

**Programming Languages:** Java, C

**Technologies & Tools:** JDBC, MIT App Inventor, Microsoft Office Suite (Word, PowerPoint)

**Core Competencies:** Data Structures, Algorithms, Object-Oriented Design, Database Integration, 3D Printing

**Soft Skills:** Problem-solving, Team Collaboration, Technical Communication, Presentation Skills

## PROJECTS

### E-Commerce Shopping Application

**Java, JDBC**

- Engineered a full-stack shopping application with product catalog, user authentication, and transaction processing
- Implemented database integration using JDBC for efficient data management and retrieval
- Designed intuitive UI with model showcasing features and automated bill generation system
- Optimized database queries to improve application performance and user experience

### Retail Store Mobile Application

**MIT App Inventor**

- Developed cross-platform mobile application for retail inventory management and sales tracking
- Created user-friendly interface enabling seamless product browsing and purchase workflow
- Integrated money management features to track transactions and generate financial reports

## EXPERIENCE & LEADERSHIP

### Smart India Hackathon Internal (SIH)

**2024-2025**

- Competed in India's largest hackathon, collaborating with team members to develop innovative solutions
- Applied problem-solving skills and technical knowledge to address real-world challenges within time constraints

### Aurora University Buildathon

**2024**

- Participated in intensive software development competition, rapidly prototyping solutions under pressure
- Collaborated with cross-functional team members to deliver working product within 12 -hour timeframe

## CERTIFICATIONS & ACHIEVEMENTS

- Oracle Certified Student:** Generative AI and Data Science (2025)
- Java Programming for Beginners** – SWAYAM Platform (2025)
- Data Structures and Algorithms Fundamentals** (2025)
- Design Thinking for Beginners** – Great Learning Academy (2024)
- 3D Printing Workshop** – Osmania University (2025)
- Java Quest Expo Participant** – Showcased Java programming expertise at technical exhibition

## ADDITIONAL INFORMATION

**Languages:** English (Fluent), Hindi (Fluent), Urdu (Conversational)

**Interests:** Creative Writing, Technology Exploration, Food Culture