

# Avantika Jewani

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## Career Objective

Motivated and Enthusiastic Computer Science graduate seeking an opportunity to apply my technical skills, learn from real-world projects, and contribute to a team working on impactful and user-centric solutions.

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## Education

### Bachelor of Science in Computer Science (BSCS)

Sukkur IBA University | 2021 – 2025

**CGPA:** 3.11 / 4.0

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## Technical Skills

**Programming:** Python, React, HTML/CSS, JavaScript, SQL, Java

**Databases:** MySQL, SQLite, Firebase

**Tools & Platforms:** Git, VS Code, Google Colab, Linux, Windows OS

**Concepts:** Object-Oriented Programming, Data Structures, Database Design, Networking, ML/ Data science

**Soft Skills:** Communication, Problem-Solving, Teamwork, Time Management, Adaptability

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## Academic Projects (Summarized)

**Speech Emotion Recognition System** – Developed a CNN-based emotion detection system integrating Flask backend and React frontend.

**Sentiment Analysis** – Created an LSTM-based text classifier for tweet sentiment analysis.

**AI-Based Glaucoma Detection** – Applied ML models for disease detection using fundus images.

**Mini Projects** – Built UI-based projects like Calculator, To-Do App, and Tic-Tac-Toe using Java and React.

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## Professional Experience

### Programming Mentor – Sukkur IBA University (Mar 2024 – May 2025)

- Assisted junior students in understanding programming concepts and improving problem-solving skills.
  - Conducted sessions on C++ and Java to promote clean, efficient coding practices.
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## Certifications

- Introduction to Software Engineering – Coursera
  - Getting Started with Git & GitHub – Coursera
  - Introduction to Relational Databases – Coursera
  - Supervised Machine Learning: Regression & Classification – Coursera
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## Technical Interests

Databases | DevOps | Networking | AI & Automation | Software Systems | Web Development