### **Technical Skills**

• Languages: JavaScript, TypeScript, Python, Java

• Web Development: Next.js, React, Tailwind CSS, Shadon UI

• Databases & Tools: Prisma, PostgreSQL, Firebase, Git, ffmpeg

• Frameworks/Libraries: JavaFX, PyTorch

### Education

# Birla Institute of Technology and Science (BITS), Pilani

Bachelor of Engineering in Computer Science Expected Graduation: 2028

### Certifications

• MERN Stack Development – Tutedude (Certificate of Completion)

View Certificate

 Winner – Website Design Competition, Coding Club View Certificate

# **Projects**

Quizy AI - Next.js, Prisma, PostgreSQL, Gemini API, Auth.js

Developed an Al-powered quiz platform where users generate quizzes on any topic, attempt them, and analyze performance.

S Live App | GitHub

## Movie Recommendation Algorithm – Python, Pandas, NumPy

Built a content-based filtering algorithm that suggests movies based on user preferences and data features.

**GitHub** 

### Effortless UI - Next.js, Shadon UI

Developed a personal UI component library with reusable, styled components to streamline development.

& Live Demo | GitHub

### Al Emotion Detector and API – Next.js, Python, PyTorch, ffmpeg

Custom-trained model that detects emotions from video inputs; includes a live API for real-time analysis.

X Currently Under Development