Technology Stack

Date: 25-06-2025
Team ID: LTVIP2025TMID35738
Project Name: Pattern Sense

UI: HTML/CSS + React.js
Backend: Flask (Python)
ML: TensorFlow + CNN + Transfer Learning
Database: MongoDB
Deployment: Render / AWS EC2
Security: JWT auth, HTTPS, CORS headers
Availability: Cloud-based with 99.5% SLA