




ANSHUL PATIL

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Education

IIIT Surat

B.Tech in Electronics and Communication Engineering

Jun 2024 – May 2028

Surat, Gujarat

Experience

Ecube Solutions

Software Developer Intern

May 2025 – Aug 2025

Thane, India

- Designed and deployed scalable Django applications for traffic system analytics.
- Built REST APIs and integrated frontend with backend services using Django templates.
- Set up CI/CD pipeline with GitHub Actions and hosted web apps on AWS EC2.
- Managed real-time sensor data and logs on AWS S3 to improve system reliability.

Projects

Smart Traffic Signal Tracker – Django, AWS EC2/S3

Aug 2024

- Monitors live traffic signals and generates alerts for congested routes.
- Admin dashboard enables traffic data visualization and system control.
- Deployed using Nginx + Gunicorn on EC2, with media logging via AWS S3.

AI Storytelling Game – Python, OpenAI API, Streamlit

Sep 2024

- Interactive text-based game where users shape stories via GPT-powered options.
- Used OpenAI API to generate multi-branch narratives in real time.
- Tracked player progress and choices using lightweight Streamlit backend.

E-Commerce Web App – MERN Stack

Jul 2024

- Developed a responsive e-commerce site with product search and filtering.
- Integrated user authentication using JWT and role-based admin privileges.
- Built cart and checkout modules with dynamic pricing and quantity controls.

Cat vs Dog Classifier – TensorFlow, Python

Oct 2024

- Trained a CNN on 25k+ labeled images using Keras and real-time augmentation.
- Achieved 93% accuracy; evaluated model using validation and confusion matrix.

Technical Skills

- **Languages:** Python, JavaScript, SQL, C, HTML/CSS
- **Backend:** Django, Node.js, Express, REST APIs, PostgreSQL, Redis
- **Cloud/DevOps:** AWS EC2, S3, GitHub Actions, Railway, Render
- **Tools:** Git, Docker, Linux, TensorFlow, Jenkins, Streamlit, OpenAI API

Achievements

- Top 3% in JEE Mains 2024 among 12L+ students across India.
- Selected for RMO 2019 based on strong mathematical aptitude.
- Won 3rd place – Speed Coding Challenge, Spring Fest 2024 (IIIT Surat).

Leadership & Volunteering

Technical + Art Team – Spring Fest

IIIT Surat

Nov 2024

- Set up sound, lights, and AV systems for main-stage tech events.
- Designed posters, stage visuals, and banners across all departments.