ESHAN BHUSE

Mumbai,Maharashatra

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○ https://github.com/eshanbhuse　⟨⟩ https://leetcode.com/eshanbhuse

SUMMARY

Full Stack Developer with experience in building scalable applications, AI-powered tools, and collaborative software solutions. Skilled in modern web technologies and backend frameworks, and a strong focus on problem-solving.

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript
Frontend Tools: React.js, Tailwind CSS, npm, CDN
Backend Tools: Node.js, Express.js, WebSockets, Django, Flask
Developer Tools: VS Code, Intellij Idea Ultimate, Tableau, Git, GitHub, Excel, Google Colab
DataBases: MYSQL, MongoDB

WORK EXPERIENCE

SBI General　　　　　　　　　　　　　　　　　　　　　　　　　　**Jun 2025 – Present**
Graduate Engineering Trainee　　　　　　　　　　　　　　　　　　　　　*Mumbai, India*

- Monitored and supported existing applications by proactively tracking performance, identifying and resolving issues, and ensuring system stability with minimal downtime, which improved overall reliability for end-users.
- Designed and developed new applications by gathering business requirements, writing efficient code, and collaborating with cross-functional teams, resulting in solutions that streamlined processes.
- Conducted detailed User Acceptance Testing (UAT) by preparing test cases, executing scenarios, logging defects, and coordinating with stakeholders, which ensured that applications met functional expectations.
- Managed the full production release cycle, including planning deployments, executing rollouts, verifying stability, and providing post-production support, ensuring smooth transitions to deployment.

PROJECTS

AivaDent - An AI Powered Voice Dental Assistant ↗　　　　　　　　**Jun 2023 – Dec 2023**

- Built a full-stack dental appointment management system with Next.js, Node.js, PostgreSQL, and Clerk, supporting user authentication, booking flow, and admin dashboard.
- Integrated an AI Voice Agent using Vapi to enable conversational appointment scheduling and real-time assistance for patients and along with instant feedback.
- Implemented subscription payments, email verification, and automated invoices, improving user experience and operational efficiency.

Social Media Sentiment Analysis ↗　　　　　　　　　　　　　　**Jan 2024 – Nov 2024**

- Developed a machine learning model to analyze and classify social media posts into positive, negative, or neutral sentiments using Python, scikit-learn, and NLP techniques.
- Built a data pipeline to clean, preprocess, and visualize sentiment trends across platforms using Pandas, NLTK, and Matplotlib.
- Deployed the model via a Flask web app, enabling users to input text or upload datasets for real-time sentiment predictions.

Yoga Pose Estimation and Correction ↗　　　　　　　　　　　　**Feb 2025 – Oct 2025**

- Built a real-time yoga pose detection system using MediaPipe and OpenCV to identify human body landmarks from live video input.
- Implemented a pose comparison algorithm to evaluate user postures against ideal yoga poses and provide instant corrective feedback.
- Engineered a correction algorithm combining landmark-based geometry and threshold analysis to identify incorrect postures.

PRACTICE PROJECTS

- Portfolio Website ↗
- AI - Powered Interview Preparation ↗
- Expense Tracker ↗
- Vampyrion-Eclipse (Game) ↗

EDUCATION

Sardar Patel Institute of Technology　　　　　　　　　　　　　　　　**2021 – 2025**
B.Tech in Computer Engineering **CGPA - 7.55**　　　　　　　　　　　　　*Mumbai, India*

ACHIEVEMENTS & CERTIFICATIONS

- Semi-Finalist at Tata Imagination Challenge 2024. ↗
- Developing Soft Skills and Personality. ↗
- Ultimate AWS Certified Cloud Practitioner ↗