

# ESHAN BHUSE

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## 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

Mumbai, India

Graduate Engineering Trainee

- 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

### ShopNest - A E-Commerce Website

Sep 2022 – Jan 2023

- Developed a full-featured e-commerce web application using the MERN stack (MongoDB, Express.js, React, Node.js) with secure user authentication and role-based access control.
- Implemented product listings, shopping cart, order management, and payment integration (e.g., Stripe/PayPal) to ensure a seamless user experience.
- Optimized backend APIs and frontend performance, resulting in responsive UI/UX, real-time inventory updates, and scalable architecture.

### SPITDesk - A HelpDesk Application

Mar 2023 – Nov 2023

- Designed and developed a Help Desk web application to streamline student-faculty network issue tracking and resolution using MERN stack (MongoDB, Express.js, React, Node.js).
- Implemented features like ticket creation, status tracking, role-based dashboards, and automated email notifications for efficient communication.
- Enhanced usability with responsive UI and real-time updates, significantly improving query resolution time and reducing manual workload for college staff.

### Text Based Music Generation

Feb 2024 – Dec 2024

- Designed and developed an AI-powered system that converts textual prompts into music compositions using natural language processing (NLP) and generative audio models.
- Integrated machine learning techniques to interpret mood, genre, and instrument preferences from user input and generate corresponding MIDI/audio outputs.
- Implemented a user-friendly interface and backend pipeline for real-time music synthesis, enhancing creative accessibility for non-musicians.

## PRACTICE PROJECTS

• Portfolio Website

• AI - Powered Interview Preparation

• Expense Tracker

• Vampire survivor (Game)

## EDUCATION

Sardar Patel Institute of Technology  
B.Tech in Computer Engineering CGPA - 7.21

2021 – 2025

Mumbai, India

## ACHIEVEMENTS & CERTIFICATIONS

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