

Om Ghulaxe

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EDUCATION

Sant Gadge Baba University

Bachelor of Engineering in Information Technology

Amravati, Maharashtra

Nov. 2021 – May 2025

Disha Science, Arts and Commerce Junior college, Warora

Higher Secondary School

Warora, Maharashtra

Jul. 2019 – Aug. 2021

TECHNICAL SKILLS

Languages: Java, JavaScript, HTML, CSS, SQL(MySql), python, C/C++

Frameworks: React, Node.js, Express, Django

Developer Tools: Git, GitHub, VS Code, IntelliJ, Postman

Databases: MySql, MongoDB, PostgreSQL

Related CourseWork: Data Structures and Algorithm, OOP, Operating System, Database Management System

EXPERIENCE

SDE Intern

Feb. 2025 – April 2025

Bluestock Fintech

- Developed a RESTful API using Node.js and Express to fetch and display real-time IPO data from financial market APIs, streamlining data access for traders.
- Built secure authentication (JWT) and authorization (login/signup) using Passport.js or Firebase Auth, ensuring encrypted user sessions and role-based permissions.
- Improved API efficiency by 30% faster response times through Redis caching and optimized MongoDB queries.

PROJECTS

Campus Club Management System | *Django, Python, MySQL, Bootstrap, JavaScript, NLP (WordNet)*

- Built and deployed a scalable web application on college servers supporting 2,000+ students, featuring role-based access (Admin/Principal/Student), secure authentication, and automated workflows for club/event management (10+ clubs, 30+ monthly events).
- Integrated an NLP-based sentiment analysis module using WordNet to analyze 150+ monthly student reviews, helping optimize event strategies based on feedback trends
- Hosted on college infrastructure with 99.8% uptime, eliminating manual processes by 85% while serving 2K+ concurrent users during peak events.

E-Learning Platform | *Node.js, Express, MongoDB, Cloudinary, Redis, bcrypt*

- Developed secure REST APIs using Node.js/Express with JWT authentication, implementing granular role-based permissions (Admin/Instructor/student) and handling video uploads via Cloudinary
- Streamlined media with Cloudinary (40% cheaper storage, 65% faster loads)
- Optimized database performance by designing MongoDB schemas with indexed collections and implementing Redis caching, reducing API response times by 45% for high-traffic endpoints

Customer Support Chat System | *React, TypeScript, Django REST Framework, PostgreSQL, Django Channels, FAISS*

- Built a real-time customer support platform using Django Channels + WebSockets, enabling secure, private messaging between customers and agents with JWT-based authentication and role-based access control
- Designed and implemented responsive UIs for chat, agent dashboard, and login using React and Tailwind CSS, with features like typing indicators, message timestamps, and user status tracking
- Stored messages with metadata in PostgreSQL, allowing users to view chat history and agents to manage sessions effectively
- Integrated an AI assistant using local LLMs (Ollama), InstructorEmbedding, and FAISS, with a RAG pipeline to generate context-aware responses and fallback logic for unmatched queries

HOBBIES

- BeatBoxing and Music
- Knowing about the latest technologies