# Om Ghulaxe

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## EDUCATION

**Sant Gadge Baba University**                                    Amravati,Maharashtra
*Bachelor of Engineering in Information Technology*                    *Nov. 2021 – May 2025*

**Disha Science,Arts and Commerce Junior college,Warora**           Warora, Maharashtra
*Higher Secondary School*                                        *Jul. 2019 – Aug. 2021*

## TECHNICAL SKILLS

**Languages**: Java, C/C++, JavaScript, HTML, CSS, Python, SQL(MySql)
**Frameworks**: React, Node.js, Express, Spring
**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).
- mplemented an NLP-powered sentiment analysis module processing 150+ monthly reviews, generating polarity scores and interactive dashboards to optimize club engagement strategies
- Reduced administrative workload by 60% via automated approval systems and a responsive UI (Bootstrap/JavaScript), with MySQL backend handling data through optimized queries.
- 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

**Multiplayer Chess Platform** | *Node.js, Express, Socket.IO, EJS*

- Developed real-time chess gameplay using Socket.IO for live player interactions and chess.js for move validation, check/checkmate detection, and game state management
- Built interactive frontend with EJS templates and dynamic CSS/JavaScript, featuring move highlighting and visual board rendering for seamless UX)
- Designed scalable backend in Node.js/Express handling 50+ concurrent games with optimized WebSocket connections

## HOBBIES

- BeatBoxing and Music
- Knowing about the latest technologies