OM GHARATE

Full Stack Developement (MERN) | Python | FastAPI | AI

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EDUCATION

BE Artificial Intelligence and Machine Learning   **June 2023 – July 2026**
LoGMIEER College, Nashik   *CGPA: 8.6*

Diploma in Computer Engineering   **July 2020 – June 2023**
Government Polytechnic, Vikramgad   *Percentage: 80.29%*

COURSEWORK / SKILLS

- JavaScript
- React.js
- Node.js
- Express.js
- MongoDB
- HTML, CSS
- Git and GitHub
- Python
- Artificial Intelligence
- Machine Learning
- FastAPI
- Data Preprocessing
- API Development
- Tailwind Css

WORK EXPERIENCE

Sumago InfoTech   **Jun 2022 – Aug 2022**
Web Developer Intern   *On Site*

- Collaborated with **cross-functional teams** to ensure seamless integration between front-end and back-end components for enhanced user experience.
- Worked in an **Agile environment**, consistently meeting project deadlines, adapting to dynamic requirements, and delivering high-quality outputs.
- Researched and implemented **emerging technologies** to provide innovative and scalable backend solutions aligned with business goals.
- Aimed to leverage this hands-on development and optimization experience to deliver impactful and efficient solutions at future organizations.

PROJECTS

AI-Powered Code Evaluator [Link]   *Nov 2025 – Dec 2025*

- Developed a full-stack code evaluation platform using Next.js (App Router) for the responsive frontend and UI/UX.
- Integrated the Gemini API to serve as the core evaluation engine, assessing code submissions for correctness, style, and potential bugs, and providing instant, insightful feedback.
- Implemented persistent data management using Supabase, handling user authentication, submission history, and test case storage.
- Designed API routes in Next.js to securely manage communication between the frontend, Supabase, and the Gemini evaluation service.
- Optimized the evaluation workflow for low latency by efficiently structuring prompts for the Gemini model and leveraging Next.js server actions (or API routes).

Quickies AI: Quick Content using AI [Link]   *November 2025 – Present*

- Built an AI productivity toolkit offering diverse microservices (text, image, utility).
- Designed a clean and simple UI for quick content generation with minimal inputs.
- Implemented reusable components and structured routing for maintainable development.
- Integrated basic API endpoints to handle prediction and generation tasks.
- Improved performance by testing multiple models, prompts, and workflows.
- Maintained feature versioning during the Alpha stage for better tracking.
- Created documentation to explain project features and usage to new users.

Emotica AI: Emotion Based AI Chatbot [Link]   *July 2025 – Present*

- Developed an emotion-based AI mental wellness chatbot with voice interaction.
- Integrated speech-to-text and text-to-speech for natural user communication.
- Built micro-apps such as journaling, mood tracking, and motivational prompts.
- Created a simple backend API for communication between frontend and AI model.
- Added interaction logs to improve AI behavior and response patterns.
- Implemented preprocessing techniques for improved prediction accuracy.
- Tested emotion detection models on various tones and refined responses.
- Designed an easy-to-use UI focused on student-friendly mental wellness.

Ascendify AI: Career & Skill Development Platform [Link]   *Aug 2025 – Sep 2025*

- Built an AI-powered platform for personalized career guidance and skill mapping.
- Developed dashboards displaying user skills, recommended courses, and career paths.
- Created scalable APIs to store user inputs, progress, and recommendation data.
- Implemented authentication and basic user-role controls.
- Designed responsive React.js frontend using reusable components.
- Configured MongoDB for structured storage of user profiles and AI outputs.
- Tested backend endpoints to ensure smooth data flow and accuracy.
- Deployed the platform reliably on Render and ensured stable performance.

EXTRACURRICULAR & PROFESSIONAL ENGAGEMENT

- Participated in multiple **Hackathons**, including those organized by **Adobe** and **Google Exchange**, gaining exposure to real-world problem solving and collaborative innovation.
- Attended major industry events such as the **Amazon Summit in Mumbai**, along with several key tech and networking events hosted in **Nashik**, expanding professional connections and industry knowledge.

CERTIFICATIONS

- Udemy — **Complete JAVASCRIPT with HTML5, CSS3 from zero to Expert** (May 2023)
- Google — **Bring AI to Work Workshop** (Jun 2025)
- Oracle — **Databases for Developers: Foundations** (Apr 2025)
- TensorFlow User Group — **Gen AI** (Jul 2024)
- Udemy — **Python Bootcamp** (Mar 2020)
- HCL GUVI — **Fundamentals of Python** (Apr 2021)