

VAISHNAVI GHUGE

+91-9960168135 | vaishnavighuge711@gmail.com | Chhatrapati Sambhaji Nagar, Maharashtra, India
[GitHub](#) | [LinkedIn](#)

EDUCATION

Bachelor of Technology – Artificial Intelligence & Data Science, Maharashtra Institute of Technology, Chhatrapati Sambhaji Nagar, India
CGPA: 8.37 | **Nov 2022 – Present**

Senior Secondary (Class XII), New Diamond Junior College, Nashik, India
Maharashtra State Board of Secondary & Higher Secondary Education
Marks: 92% | **Jun 2020 – Mar 2021**

Secondary (Class X) Rising Star School, Chhatrapati Sambhaji Nagar, India
Maharashtra State Board of Secondary & Higher Secondary Education
Marks: 89% | **Jun 2018 – Mar 2019**

EXPERIENCE

Data Science Intern | Corizo

May 2024 – Jul 2024 | Remote

- Performed data analysis and data management on 50,000+ records, improving data quality and increasing model accuracy by 18% using Python and machine learning.
- Built and optimised ML models and ETL pipelines, reducing data processing time by 30%.

Open Source Contributor | GirlScript Summer of Code (GSSoC) 2025

Oct 2025 – Nov 2025 | Remote

- Contributed to open-source software development through code contributions, bug fixes, and documentation using Git.

PROJECTS

LawBot – AI Legal Assistant & Lawyer Booking Platform [Link](#)

- Built an AI-powered legal assistance platform enabling users to research Indian law queries and book verified lawyers.
- Implemented a retrieval-augmented generation (RAG) pipeline, improving information retrieval speed and relevance.

SafeRoute Pune – Women's Safety Mapping App [Link](#)

- Developed a GIS-based web application suggesting safer routes using real-time map overlays and alerts.
- Awarded 2nd Prize globally at the Google Maps Platform Hackathon 2025 for improving route awareness and accessibility.

PG Founder – PG Accommodation Finder [Link](#)

- Designed and deployed a responsive platform for discovering paying-guest accommodations with pricing and facility details.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, Java, C++, SQL
- **Software Development & SDLC:** SDLC, Agile Development, RESTful Architecture, Object-Oriented Programming (OOPs), Data Structures & Algorithms
- **Backend Development & APIs:** FastAPI, REST APIs, API Integration, Backend Services
- **Databases:** PostgreSQL, MySQL, MongoDB, CRUD Operations
- **Frontend Development:** HTML, CSS, JavaScript, Responsive UI Design
- **Cloud & Deployment:** Microsoft Azure, Cloud Storage
- **Maps & GIS:** Google Maps Platform APIs, GIS Integration, Real-Time Data Overlays
- **AI & ML:** Retrieval-Augmented Generation (RAG), Groq LLM, NLP Pipelines, scikit-learn, PyTorch
- **Version Control:** Git, GitHub, Branching, Pull Requests, Code Reviews
- **Tools & Frameworks:** React, Power BI, Pandas, NumPy, scikit-learn, Hugging Face (Transformers), Tableau, Docker

SOFT SKILLS

Problem-Solving, Communication, Collaboration, Time Management, Technical Documentation

ACHIEVEMENTS

- **2nd Prize – Global Google Maps Platform Hackathon 2025**
Recognised for developing *SafeRoute Pune*, a women's safety route mapping solution.
- **GirlScript Summer of Code (GSSoC) 2025**
Selected contributor for open-source development.

CERTIFICATIONS

- The Complete Introduction to C++ Programming – Udemy (Dec 2025)[Link](#)
- AWS Certified Cloud Practitioner (Theory + Hands-On) – Udemy (Nov 2025)[Link](#)
- Tableau A–Z: Hands-On Tableau Training for Data Science – Udemy (Nov 2025)[Link](#)
- Agile Project Management: Agile, Scrum, Kanban & XP – Udemy (Nov 2025)[Link](#)