

# VAISHNAVI GHUGE

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## EDUCATION

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**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

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**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

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**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

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- **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

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

## ACHIEVEMENTS

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- **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

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- 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](#)