

# Prajkta Dattatray Lohar

Portfolio: <https://prajkta-lohar-portfolio.vercel.app/>

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## Summary

Computer Engineering student with hands-on experience in HTML, CSS, JavaScript, Java, and Python. Built responsive web applications and machine learning-based projects including a sign language detection system and room rental platform. Passionate about developing user-friendly and problem-solving software solutions.

## Education

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|--|------|
| <b>Parvatibai Genba Moze College of Engineering, Wagholi, Pune</b> | 2026 |
| • <i>B.E. – Computer Engineering — CGPA: 9.10</i>                  |      |
| <b>Government Polytechnic, Karad</b>                               | 2023 |
| • <i>Diploma — 84.23%</i>  |      |
| <b>Shri Mhalsakant Vidyamandir, Pal</b>                            | 2020 |
| • <i>SSC — 92.60%</i>  |      |

## Skills Summary

- Programming Languages: Java, Python, C, C++
- Version Control: Git, GitHub
- Databases: MySQL, Oracle, MongoDB, Firebase
- Web Technologies: HTML, CSS, JavaScript , Bootstrap
- Core Concepts: OOPs, Machine Learning, Networking, Operating Systems

## Experience

### BrainlyHood Technologies Pvt Ltd

Frontend Development Intern

Pune

Dec 2024 – Feb 2025

- Applied HTML, CSS, JavaScript, and Bootstrap to develop responsive and user-friendly web interfaces.
- Contributed to live client projects including the **Hirrlani Chaha** website and an **E-commerce platform**.
- Designed reusable UI components and ensured cross-browser and mobile responsiveness.
- Collaborated with team members to implement frontend features and resolve UI/UX issues.

## Projects

- **Interlinked Platform for Campus Placement – GPKarad** Developed a web-based placement management system to reduce manual work and maintain accurate student records. Simplified placement process through a user-friendly platform for students and placement officers. **Tech:** HTML, CSS, JavaScript, MySQL
- **Sign Language Detection Using Machine Learning** Developed a smart system to detect and translate sign language hand gestures into text and speech using machine learning. Enabled easier communication for hearing-impaired individuals without external sensors. **Tech:** Python, Machine Learning
- **RoomBridge – Smart Roommate Matching Platform** Developed a full-stack room rental and roommate matching platform with AI-based compatibility scoring and real-time chat. Implemented location-based filtering and user verification for secure and efficient roommate discovery. **Tech:** React 18, TypeScript, Firebase, Tailwind CSS, Google Gemini AI
- **Evara – Static E-Commerce Website** Developed a fully responsive e-commerce website using pure HTML, CSS, and Vanilla JavaScript without any frameworks or build tools. Implemented structured layouts, product sections, and interactive UI components for enhanced user experience. **Tech:** HTML5, CSS3, JavaScript

## Achievements & Certifications

- Participation in Techathon 3.0
- Machine Learning for Data Science Projects
- Data Fundamentals in Data Science
- Java Certification – Great Learning
- Data Analysis with Python – IBM