

# Omkar Wagh

waghomkar109@gmail.com • +91-9307575448 • <https://linkedin.com/in/omkar-wagh-0958bb219> LinkedIn Profile

## Education

**Savitribai Phule Pune University, Pune**

Aug 2022 – Aug 2025

*Bachelor of Engineering in Computer Science; CGPA: 8.0*

**Bhivrabai Sawant Polytechnic College, Pune**

Jun 2019 – Mar 2022

*Polytechnic Diploma in Computer Science; Percentage: 85.66%*

## Experience

**Skolar (Intern)**

Oct 2023 – Dec 2023

- Collaborated with stakeholders to gather and document technical requirements for AI/ML projects.
- Developed technical documentation, including system architecture and API definitions.
- Designed prototypes and conducted validations to ensure project scalability and usability.

**Oasis Infobyte (Intern)**

Dec 2023 – Jan 2024

- Assisted in creating system wireframes and technical documentation for data processing solutions.
- Preprocessed datasets and implemented cross-validation techniques for scalability.

**Elite Techno (Intern)**

Jun 2023 – Aug 2023

- Designed system architecture and created RESTful APIs.
- Led cross-functional collaboration with engineering teams to resolve production-level challenges.

## Projects

**Desktop Assistant (Python)**

- Automated OS interactions using APIs and implemented speech recognition functionality.
- Documented technical workflows and ensured usability through extensive prototyping.

**Machine Learning to Predict Construction Project Delays**

- Conducted feature optimization and integrated CI/CD pipelines for scalability.
- Developed API endpoints and created detailed technical specifications.

**Unemployment Analysis**

- Analyzed unemployment trends using regression techniques.
- Automated backend testing and applied secure data storage models.

## Certifications

- **Deep Learning Specialization** (Coursera) – Hands-on training in neural networks and computer vision.
- **Machine Learning** (Andrew Ng - Google) – Comprehensive coverage of supervised and unsupervised learning.
- **Generative AI by Google** (Databricks Academy) – In-depth knowledge of Generative AI techniques and applications.
- **Microsoft Certified: Data Science and Visualization** – Expertise in AI models and deployment on Azure.
- **AI for Everyone** (Coursera) – Fundamentals of AI applications across industries.

## Skills

- **Software Development Processes:** Agile, Scrum
- **Technical Documentation:** API definitions, system architecture, wireframes
- **Collaboration Tools:** Git, Jenkins, Docker, Kubernetes
- **Programming:** Python, C, C++, Java
- **Data Analysis:** Sci-kit Learn, Pandas, NumPy, Matplotlib
- **Other:** Market Research, Competitive Analysis, Cross-Functional Collaboration