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<https://abhisha1502.github.io/Portfolio/>

### Profile Summary

Driven intern possessing a solid foundation in Python programming, including object-oriented principles, algorithm development, and proficiency in data science techniques. Highly motivated in data manipulation, exploratory data analysis, and predictive modeling. I am ready to leverage these combined technical skills to build scalable solutions and contribute to innovative, data-driven projects.

### Professional Skill

- Languages: Python, SQL, JavaScript, HTML5, CSS
- Libraries & Frameworks: NumPy, Pandas, Matplotlib, Scikit-learn, Tailwind CSS, ML, NPL, OpenCV
- Databases & Backed: MySQL, SQLite, JS and its frameworks(Node.js, React.js, Express)

### Education

#### Bachelor of Engineering from Mumbai University

2023-2027

Artificial Intelligence and Data Science

### Projects

**Machine Learning & Predictive Analytics:** Developed multiple supervised and unsupervised ML models for real-world datasets, focusing on preprocessing, feature selection, model evaluation, and interpretation of results to support data-driven decision making.

**NLP-Based Conversational System:** Built a customized chatbot using text preprocessing and intent recognition techniques, integrating backend logic with Flask to support scalable and responsive conversational interactions.

**Data Analysis & Visualization Dashboards:** Designed interactive dashboards and visualizations to explore patterns and trends in structured datasets, translating complex analytical results into accessible insights.

**Backend Data Applications:** Implemented backend services and data pipelines using Python and SQL, managing data flow, validation, and integration for scalable web-based applications.

### Work Experience

June 2025

#### Data Science Intern-Prodigy Infotech

Applied predictive analytics techniques (regression, clustering, decision trees) and exploratory data analysis to identify customer behavior patterns. Built interactive dashboards and visualizations using Python and BI tools to communicate insights effectively.

#### Python Developer Intern-Oasis Infobyte

JUNE 2025

Developed automated Python scripts using OOP principles to enhance data processing workflows. Collaborated on GitHub-based projects, integrating third-party libraries and improving code efficiency and maintainability.

#### Web Development Intern-Prodigy Infotech

JULY 2025

Built responsive web interfaces using HTML, CSS, JavaScript, and modern frameworks. Assisted in backend integration, debugging, and deployment of web applications using version control tools.

#### Java Developer Intern-Alfido Tech

SEPT 2025 - OCT 2025

Developed Java applications using OOP concepts, data structures, and frameworks such as Spring and Hibernate. Integrated databases and optimized application performance through systematic debugging.

### Certificates

**Python Developer – Alfido Tech (Oct 2025):** Gained hands-on experience in Python programming, including data structures, OOP concepts, and real-world problem solving.

**Generative AI Fundamentals – Edubridge Learning (Sep 2025):** Acquired foundational knowledge of Generative AI, LLM concepts, and AI-driven automation applications.

**Power BI Expert Professional Certification – Alfido Tech (Aug 2025):** Built interactive dashboards and data visualizations using Power BI, including data modeling and DAX fundamentals.

**Web Development Certification – International Training Institute (Oct 2024):** Developed responsive web interfaces using HTML, CSS, JavaScript, Bootstrap, and basic database concepts.

**Artificial Intelligence with Machine Learning – Remarkskill Education (Jan 2024):** Implemented Machine Learning algorithms and NLP basics using Python, including data preprocessing and model evaluation.

**Python and Artificial Intelligence – IHFC, IIT Delhi (Jun 2023):** Learned core AI concepts, Python programming, and introductory generative AI tools and workflows.