

Ayush Narendra Nimje
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LinkedIn — GitHub

Education

G.H. Raison College of Engineering and Management, Nagpur, Maharashtra 2025 – Present
Bachelor of Technology in Artificial Intelligence CGPA: 6.23/10
Relevant Coursework: Data Structures, Algorithms, Web Development, Machine Learning

Experience

Software Engineering Intern, CodSoft (Remote) Oct 2024
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- Designed and implemented modular C++ tools using OOP principles and STL libraries.
- Debugged and optimized existing codebase with GDB and Valgrind, improving performance and reliability by 30%.

Software Engineering Intern, Prodigy InfoTech (Remote) May 2025
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- Developed internal web tools using HTML, CSS, and JavaScript as part of a collaborative 4-member team.
- Optimized backend database queries, reducing API response times by 20%.
- Used Git for version control, participated in agile stand-ups, and contributed to sprint planning.

Projects

CertificateWala.com (Live Internship Project)
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- Contributed to a production-level web platform for issuing and managing digital certificates.
- Implemented responsive UI with HTML, CSS, JavaScript and ensured smooth user interaction.
- Optimized backend queries and integrated secure database operations with MySQL.
- Successfully deployed the project for real-time use: certificatewala.com

Fruit Quality Analysis (ML + CV)
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- Built a machine learning model using OpenCV and TensorFlow to classify fruit ripeness.
- Achieved 90% accuracy in classification tasks and deployed the model with Flask for real-time predictions.

Smart Inventory Management System (Java)
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- Developed a desktop application using Java, Swing (UI), JDBC, and MySQL, based on MVC architecture.
- Implemented CRUD operations, automated report generation, and enabled stock tracking for small businesses.

Python NLP Chatbot
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- Created a rule-based chatbot using Python and NLTK for natural language interaction.
- Deployed the chatbot on Heroku via Flask, enabling seamless web-based interaction.

Skills

Languages: C++, Python, Java, JavaScript, Tools: Git, VSCode, Linux, LaTeX, OpenCV, HTML/CSS, Oracle SQL, MySQL

Leadership & Activities

Team Leader – Final Year Project

Led a team of 3 to design and implement a fruit quality analysis system. Assigned tasks, tracked milestones, and delivered project presentations to faculty.