

**Ayush Narendra Nimje**  
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LinkedIn — GitHub

## Education

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**G.H. Raisoni College of Engineering and Management**, Nagpur, Maharashtra  
Bachelor of Technology in Artificial Intelligence  
Relevant Coursework: Data Structures, Algorithms, Web Development, Machine Learning

2025 – Present  
CGPA: 6.23/10

## Experience

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**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

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**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

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

## Leadership & Activities

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### 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.