

# Himanshu Wadhwa

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## Summary

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Bachelor of Technology graduate with hands-on experience in software development through academic projects. Proficient in Python, JavaScript, C/C++, Java, React, Node.js, Express.js, Flask, MongoDB, and SQL. Adept at applying coding skills, developing full-stack applications, and utilizing data-driven solutions. Eager to contribute to a fast-paced software development team with a strong focus on problem-solving and innovation.

## Education

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### Vivekananda Institute of Professional Studies

*Bachelor of Technology in Artificial Intelligence and Data Science*

Dec. 2021 – Present

*Delhi, India*

## Work Experience

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### Data Science Intern

*Aug. 2023 – Sep. 2023*

CODSOFT

*New Delhi, India*

- Completed 3 data science projects, showcasing strong initiative and problem-solving skills.
- Enhanced model accuracy by 25% through data preprocessing, augmentation, and feature engineering techniques.
- Processed over 1 million records using Python and key data science libraries, resulting in a 20% improvement in model performance.

## Projects

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### LeafLens | *Python, Flask, JavaScript, MongoDB, TensorFlow*

- Led a team of 5 in developing a plant classification model with 92 % accuracy, achieving 85 % test accuracy.
- Integrated the ML model with a Flask-based back-end, ensuring smooth API interaction and front-end integration.
- Deployed the system on a website, allowing users to accurately capture and classify plant images.

### Food Delivery Website | *Python, Flask, MongoDB, JavaScript, Git*

- Developed a fully functional, scalable food delivery website using Flask, managing over 1000 records efficiently.
- Enhanced server response times by 30 % through optimization of Flask's routing and request handling.
- Performed comprehensive testing and debugging to ensure site stability and performance.

## Skills

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**Programming Languages:** Python, JavaScript, C/C++, Java, PHP, TypeScript, SQL, HTML5/CSS3

**Frameworks:** React, Node.js, Express.js, Next.js, Flask, Bootstrap, Tailwind CSS

**Technical Skills:** Data Structures, Algorithms, REST APIs, Agile Methodology, Clean Architecture, JWT, OAuth

**Tools:** Git, AWS, Azure, Google Cloud, VS Code, Postman, Docker, Figma, Firebase

**Databases:** MySQL, PostgreSQL, MongoDB

**Other Skills:** Analytical Thinking, Communication, Collaboration, Adaptability, Adapt to new challenges, Leadership

## Certifications

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### The Complete 2024 Web Development Bootcamp

*Udemy, Dr. Angela Yu*

Sep. 2023 – May 2024

### Full Stack Web Development (PHP with MySQL)

*IIT Kanpur, India*

Dec. 2022 – Jan. 2023