

# Himanshu Wadhwa

## Software Engineer | Full Stack Engineer

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### Summary

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Software Engineer with professional experience building and maintaining production-ready web applications and backend systems. Strong foundation in data structures, RESTful APIs, and system design principles. Experienced in using JavaScript and Python to develop scalable, reliable features for enterprise platforms, with a focus on clean code, performance optimization, and maintainable architectures.

### Work Experience

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#### Software Engineer

Feb. 2025 – Present

*Smarter.codes*

*Remote, Haryana, India*

- Designed and delivered production-ready backend and frontend features for enterprise platforms used by paying clients.
- Built internal analytics dashboards to track user behavior and system usage, enabling data-driven product decisions.
- Refactored document generation workflows to improve usability and reduce processing time by **40%**.
- Implemented Unit and Integration tests to validate critical features, ensure system stability and reduce post-deployment issues.
- Collaborated closely with product and engineering teams to deliver features end-to-end, from design to deployment.

#### MERN Stack Developer

Nov. 2024 – Feb. 2025

*UnlockDiscounts*

*Remote*

- Developed and integrated new features in a live MERN-based web application serving real users.
- Diagnosed and resolved frontend and backend bugs to improve application stability and performance.
- Optimized REST APIs and frontend rendering to enhance responsiveness and reduce load times.

### Projects

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

- Led a team of 5 to build an image classification system with **90% training accuracy** and **78% test accuracy**.
- Designed REST APIs using Flask to integrate the ML model with the client and server.

#### WeGroww | *Next.js, TypeScript, Sanity, NextAuth, Sentry*

- Built a full-stack platform for users to showcase projects with authentication and content management with engagement tracking with responsive design.
- Implemented GitHub OAuth using NextAuth and enforced schema validation with Zod.
- Integrated monitoring and error tracking using Sentry for production reliability.

### Skills

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**Languages:** JavaScript, Python, C/C++, Java, SQL, HTML, CSS

**Frameworks:** React.js, Node.js, Express.js, Next.js, Flask, FastAPI

**Core Concepts:** Data Structures, Algorithms, REST APIs, Authentication, OAuth 2.0, Clean Architecture, ORM

**Databases:** PostgreSQL, MySQL, MongoDB, Redis, Vector Databases

**Tools:** Git, Docker, AWS, Postman, VS Code, Sentry, Firebase, Figma

**Practices:** Requirements Gathering, Debugging, Troubleshooting, Code Reviews, Agile/Scrum, Performance Optimization

### Education

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#### Vivekananda Institute of Professional Studies

*B.Tech in Artificial Intelligence and Data Science*

2021 – 2025

*Delhi, India*