

# Hemant Yadav

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[LinkedIn](#) • [Github](#) • [Codeforces](#) • [Leetcode](#) • [Personal Portfolio](#)

## PROFESSIONAL SUMMARY

Full-stack developer with experience building responsive web apps using HTML, CSS, JavaScript, React, and modern CSS frameworks. Skilled in Python, comfortable with Java, and exploring TypeScript. Also experienced in robotics through hands-on work with microcontrollers, sensors, and embedded systems. Focused on building practical, scalable solutions that solve real problems.

## EDUCATION

<b>Bachelor of Technology (AI ML)</b>	2024 - 2028
Newton School of Technology (ADYPU), Pune	Grade: 7.84/10.0
<b>Bachelor of Science (Data Science)</b>	2024 - 2028
IIT MADRAS	Grade: 6.0/10.0
<b>Intermediate (Class XII)</b>	2022 - 2023
Kala Vidhya Mandir Senior Secondary School	Grade: 79.0%
<b>Matriculation (Class X)</b>	2021 - 2022
Holy Heights Convent School	Grade: 81.0%

## INTERNSHIPS

<b>UIUX Developer</b>	May 2025 - July 2025
The MA Studio	Online
Worked on an <b>AI-based recruitment</b> platform, handling both UI/UX design and frontend development.	
• <b>Role:</b> Designed and built intuitive, responsive, and functional user interfaces.	
• Tech Stack: <b>HTML, CSS, React.js, Figma</b> for wireframing, prototyping, and UI design	

## PROJECTS

<b>Sahayak - Ai Teaching assistant</b> ( <a href="#">Github</a> ) ( <a href="#">Demo</a> )	July 2025
• Developed an AI-driven teaching assistant for multi-grade, low-resource classrooms, Implemented <b>speech assessment, multilingual chatbot, quizzes, worksheet generator, and visual aids</b> .	
• Deployed via Vercel and optimized for performance, maintainability and customization ease	
• Outcome: Enabled real-time AI assistance for users coding, studying or exploring — turning the product into a usable digital helper rather than just a demo.	
<b>VB Safety Nets</b> ( <a href="#">Github</a> ) ( <a href="#">Demo</a> )	April 2025
• Developed a <b>client website for safety nets</b> using <b>JavaScript, HTML, and CSS</b> .	
• Implemented <b>SEO optimization</b> and <b>professional website development best practices</b> .	
<b>FinTrack-Personal Expenses Tracker</b> ( <a href="#">Github</a> ) ( <a href="#">Demo</a> )	March 2025
• Built <b>Fintrack</b> , a responsive web app for easy personal finance management.	
• Developed using <b>React.js, HTML, CSS</b> , with UI/UX designed in <b>Figma</b> .	
• Provided intuitive tools to <b>track expenses, categorize transactions, and visualize financial trends</b> .	

## CERTIFICATIONS

<b>Bhartiya Antariksh hackathon Hack 2 Skill</b> ( <a href="#">Link</a> )	August 2025
Developed a web app to visualize ongoing and upcoming forest fires with prediction confidence using remote sensing, deep learning, and simulation models.	
<b>Data Analytics Job Simulation</b> Forage ( <a href="#">Link</a> )	
Completed Deloitte Australia's virtual internship program, gaining hands-on experience in data analysis and visualization.	
<b>Introduction to Critical infrastructure protection OPSWAT</b> ( <a href="#">Link</a> )	
April 2025	

Gained comprehensive knowledge of Critical Infrastructure Protection (CIP).

**Postman API Fundamentals Student Expert** Postman ( [Link](#) )

December 2024

Acquired core skills in API functionality, testing, and development using Postman.

**Solutions Architecture Job Simulation** Forage ( [Link](#) )

December 2024

Completed a **Solution Architecture Job Simulation** by AWS, where I designed a simple and scalable hosting architecture using Elastic Beanstalk for a client experiencing growth and slow response times.

## SKILLS

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**Computer Languages:** SQL, JavaScript, CSS, HTML, Python

**Software Packages:** MySQL, Express JS, Bootstrap, Node.js, React, Prisma ORM, React Native, Tailwind

**Soft Skills:** Communication Skills, Teamwork

**Others:** Git and Github

## EXTRA-CURRICULAR ACTIVITIES

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- Contributed to open-source communities like **FOSSIA** and the **AsyncAPI**, where I raised 8 PR and out of which 2 are closed.
- Head of Technical Team, RoboSoccer – TEKRON Fest** Led the technical team in designing and developing a robotic soccer team for a competitive event.
- Core member of the Robotics LFR Workshop** at college, mentoring juniors and assisting in hands-on robotics sessions.
- As a **Campus Ambassador for Unstop**, I introduced my peers to new competitions and opportunities