

HEMANTH GRANDHI

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About Me

I am a Computer Science and Engineering student with a strong interest in artificial intelligence, programming, and solving real-world problems. I have a good understanding of AI/ML concepts, full-stack development, and data structures. I enjoy working in teams, learning new technologies, and contributing to meaningful engineering projects that make a real impact.

Education

Shiv Nadar University, Delhi NCR <i>B.Tech in Computer Science and Engineering</i>	Aug 2023 – May 2027
Sasi Group of Institutions, Andhra Pradesh <i>State Board of Intermediate Education</i>	July 2020 – June 2023
Viswabharati School, Andhra Pradesh <i>Secondary School Education</i>	June 2017 – May 2020

Skills Summary

Languages: C, C++, Python, JavaScript, Java, SQL, HTML, CSS
Frameworks & Libraries: React.js, Node.js, Django, Bootstrap, Tailwind CSS, Express.js
Databases & Tools: MySQL, Firebase, MongoDB, Git, GitHub, VS Code, Postman
Cloud & Deployment: Vercel, Netlify, Google Colab, Render (basic)
Soft Skills: Leadership, Communication, Curiosity, Problem Solving, Teamwork
Hobbies: Cricket, Basketball, Reading Non-fiction

Experience

Research Member, NIT Warangal • Conducting research in AI under Dr. Rama Mam. • Built AI/ML models to detect tomato plant diseases with 95% accuracy, reducing diagnosis time by 40%.	2024 – 2025
Community Member, Capx AI • Participated in AI research forums, enhanced public speaking and domain-specific communication skills.	2024–2025

Projects

BidBuyGo – E-Commerce & Bidding Platform | [GitHub](#)
• Full-stack e-commerce platform with bidding, authentication, and mobile-first responsive design.
• Integrated Firebase for auth, real-time bidding, splash screens, and notifications.
• Tech Stack: ReactJS, NodeJS, MySQL, Firebase, TailwindCSS, Bootstrap.

Digital Image Processing – Image Quality Assessment using Two-Stream CNNs
• No-reference image quality model using dual-stream CNN with late fusion strategy.
• Trained on LIVE and TID2013 datasets, achieving high perceptual correlation.
• Tech Stack: Python, Keras, OpenCV, NumPy.

Clubs and Leadership

- Co-Founder: ASHARE
- Content Team Member: TEDx
- Member: FETCH, ACM, AURA

Licenses & Certifications

- Oracle Fusion Cloud Applications HCM (Oracle, Mar 2025).
- IBM, Python
- Infosys, Java.
- Coursera, C and C++.

Career-Oriented Conversation

- **Honored to meet Mr. Shikhar Malhotra — Vice Chairman of HCL Healthcare** : Chancellor of Shiv Nadar Institution of Eminence.
- Had the incredible opportunity to interact with a visionary changemaker in education, healthcare, and sustainability.
- **Discussed with Ms. Jennie Akune** : (Chief Recruitment Officer at UC Berkeley) about how AI is rapidly transforming industries and the future of work.