HUSAIN RAJA

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Education

COEP Technological University	Pune, India
B.Tech, Computer Science and Engineering	*Sept. 2025 – May 2028*
Government Polytechnic, Nagpur	Nagpur, India
Diploma in Information Technology	*May 2022– June 2025*

- Percentage: 97%

Technical Proficiency

Languages/Frameworks: Python, Java, C++, Django, React, NodeJS.

Miscellaneous: Operating System, DBMS, Computer Network, Object Oriented Programming, Backend Development.

Soft Skills: Adaptability, Communication, Problem Solving, Teamwork

Interests: Playing Chess, Badminton, Swimming

Projects

SAR Image Colorization   December 2024

[Link](#)

- A deep learning-powered web application that transforms grayscale Synthetic Aperture Radar (SAR) images into colorized RGB images, making them easier to interpret for applications like environmental monitoring, disaster management, and urban planning.

FIR Lodging System using Blockchain   December 2024

(github)

- Enhanced**Built a blockchain-based FIR lodging system using React.js, Node.js, Ganache, and Ethers.js for secure, tamper-proof records.**
- **Integrated smart contracts to enable immutable FIR storage and transparent verification.**

Awards and Achievements

**Smart India Hackathon 2024 (Software Edition) –
Winner**
Dec 2024

- Selected among the top 5 teams out of 500+ nationwide and secured 1st place for developing an SAR Image Colorization solution. Represented Government Polytechnic, Nagpur at the national level and presented the project to ISRO scientists.

**Smart India Hackathon 2025 (Software Edition) –
Finalist**
Dec 2025

- Selected among the top 5 teams out of 500+ nationwide for developing an AI-driven cattle detection application; represented COEP at the national level and presented the solution to ministry experts.