

SADHU J

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sadhujdeveloper.com

PROFESSIONAL SUMMARY

Passionate AI & ML Engineering student with a strong foundation in machine learning, computer vision, and NLP, and growing expertise in Data Structures & Algorithms. Experienced through multiple internships and hackathons, building impactful AI systems deployed in real-world scenarios. Quick learner, strong team player, and currently interning at Sitero, contributing to AI-driven solutions in healthcare and data systems. Actively improving problem-solving skills with 50+ DSA problems solved on platforms like LeetCode and GeeksforGeeks.

EDUCATION

B.E. in Artificial Intelligence & Machine Learning

Coorg Institute of Technology, VTU | 2022 – 2026 | CGPA: **8.54**

PUC (PCMB)

Viveka Pre-University College, Mysore | 2020 – 2022 | **83.2%**

SSLC

Govt. High School, Kantharajapura, Hassan | 2019 – 2020 | **91.84%**

TECHNICAL SKILLS

Languages: Python, C, C++, Java, HTML, CSS, JavaScript

Frameworks: TensorFlow, PyTorch, Scikit-Learn, OpenCV

DevOps & Cloud: Docker, Jenkins, Azure DevOps, Microsoft Azure

Web/API: Flask, FastAPI, Postman

Data Visualization: Tableau, Power BI

Databases: MySQL, MongoDB, SQL Server

Tools: Git, VS Code, PyCharm, Jupyter, Colab

WORK EXPERIENCE

AI Intern | Sitero | Aug 2025 – Nov 2025 (3-Months Stipend Internship)

- Designed CI/CD pipelines for AI projects, streamlining deployment and testing.
- Deployed Docker containers and integrated workflows with Azure DevOps & Microsoft Azure.
- Automated builds with Jenkins, improving reliability.
- Tested APIs using Postman and managed database integrations.
- Collaborated with a global team (US, Bengaluru, Chennai, Mysore), learning corporate culture and distributed teamwork.

Machine Learning Intern | AiRobosoft, Bengaluru | Apr 2024 – May 2024

- Built OCR models (Python, OpenCV) → improved recognition accuracy by 15%.
- Conducted Python training sessions for interns.

Data Science Intern | YBI Foundation | Feb 2024 (Online)

- Developed regression models with reproducible GitHub documentation.

PROJECTS

- VisionGuard AI – Real-time crowd monitoring (Finalist, Project Omega 2025) → ~90% accuracy.
- Drowsiness Detection System – Eye-closure detection (92% accuracy, 30% fewer false alarms).
- Hand Gesture Mouse – Gesture-based mouse (90% detection accuracy; supports click, drag, scroll).
- AI Assistant (Jarvis Prototype) – CV + NLP + IoT-based multifunctional assistant.

HACKATHONS & COMPETITIONS

- **HacXerve 2.0** -Best Innovation award of HacXerve 2.0 , 10 AICTE Points & .xyz domine
- **HackTheHive 2025** – 1st Runner-Up: Internship + mentorship + investor interest.
- **SYMB/IoT 2025** – 2nd Runner-Up: Hardware recovery + live robot demo.
- **Project Omega 2025** – Finalist: VisionGuard AI.
- **CSI IEEE Micro-Vision** – 3rd Place: Demo of D.A.A 5.2.
- **E-MINDS Hackathon** – Learned IP protection in ideation.

COMPETITIVE PROGRAMMING

- **Practicing DSA & algorithms** (LeetCode, GFG, Hackerrank).
- Solved 50+ problems: arrays, strings, recursion, DP, graphs.
- Improving problem-solving efficiency and coding speed.

CERTIFICATIONS

- Big Data Cloud Computing – YBI Foundation (Mar 2024)
- Machine Learning Algorithms – Codemn (Jan 2024)
- Applied Ethical Hacking – Udemy (Nov 2023)
- Arduino vs Raspberry Pi – Great Learning (Feb 2024)
- Linear Algebra for ML – Great Learning (Dec 2023)

LANGUAGES

English (Fluent), Kannada (Fluent), Hindi (Fluent), Adivasi (Fluent), Tamil (Basic)