Narasimha Pai

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 Github

Education

International Institute of Information Technology, Hyderabad *MS by Research in Computational Natural Science*	*Aug 2027 – May 2028*

- ○ **Coursework:** Computing in Science, Quantum Mechanics, Biomolecular Structures

International Institute of Information Technology, Hyderabad *B.Tech in Computer Science*	*Aug 2023 – May 2027*

- ○ GPA: 3.34/4.0
- ○ **Coursework:** Computer Systems, Machine Learning, Data Structures and Algorithms, Software Systems Design

Gopalan International School, Bangalore *PCMC (Physics, Chemistry, Mathematics, Computer Science)*	*Graduated: 2023*

Experience

AI Agent Automation Intern *MontyCloud, Bangalore*	*May 2025 – June 2025*

- ○ Developed and deployed AI-driven agents using AWS services, MS teams tools and Jira APIs to automate customer success workflows

Research Intern *NIMHANS, Bangalore*	*July 2025*

- ○ Authored research papers on sleep analysis, extracted and compared sleep metrics from Fitbit, actigraphy, and PSG data

Undergraduate Researcher *Brain, Cognition and Computation Lab, IIITH*	*Oct 2024 – Present*

- ○ Working on physiological signals and ML models to detect sleep disorders

Software Developer *CoralComp*	*Jan 2025 – April 2025*

- ○ Developed, trained and hosted a Weather prediction application for pilots and ATC using METAR data

Problem Setter, Marketing, Logistics *Hacking Club, IIITH*	*Oct 2024 – Present*

- ○ Set problems for CTF events, handle logistics, design and marketing

Projects and Achievements

[Moya-Buriburi ↗] – Best MOYA Framework Contribution Award at HackIIIT	*2025*
[FULLSTACKECOMMERCE ↗] – Cloud-based buy-sell-rent e-commerce platform	*2025*
[AVK Video ↗] – Web-based video editing application	*2024*
[Library Management System ↗] – Two-domain DDD demo with FastAPI, Next.js, AWS Lambda + API Gateway	*2025*

Competition Achievements:

- ○ Enigma CTF by IIT Hyderabad (Feb 2025) – Top 6 ranking
- ○ Deccan CTF by 0x1337-Hacking Club (Jan 2025) – Top 5 among 500+ participants
- ○ Startup-aid by E-cell (Apr 2025) – Finalist
- ○ HackIIIT - Best MOYA framework contribution award

Technical Skills and Certifications

Technical Skills:

- ○ **Programming:** Python, JavaScript, C++, C
- ○ **Frameworks:** TensorFlow, PyTorch, Flask, MERN stack
- ○ **Cloud & Databases:** AWS, MongoDB, PostgreSQL
- ○ **AI/ML:** Scikit-learn, Machine Learning, Deep Learning
- ○ **Tools:** Git, GitHub, Jira APIs

Recent Certifications:

- ○ [Machine Learning ↗] – Stanford University (Jan 2025)
- ○ [Unsupervised Learning, Recommenders, and Reinforcement Learning ↗] – DeepLearning.AI (Jan 2025)
- ○ [Advanced Learning Algorithms ↗] – DeepLearning.AI (Dec 2024)