

ADITHYA NANGARATH

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EDUCATION

International Institute of Information Technology, Bengaluru
Integrated Masters of Technology in Computer Science and Engineering

Nov 2022 – Jul 2027

CGPA - 3.41/4.00

EXPERIENCE

Web Science Lab, IIIT-Bangalore | Project Intern

Aug 2024 - Nov 2024

- Analyzed 5 years of Karnataka's administrative data to develop interactive maps and time-series viz.
- Generated data-driven insights aligned with UN SDGs, influencing policy recommendations.

Summer Research Internship, IIIT-Bangalore | Research Intern

May 2024 - Jun 2024

- Developed a centralized data pipeline for the Dean Academics Office, automating the processing of 10,000+ student records (course registration, attendance, student details).
- Reduced manual processing time by 60%, improving institutional decision-making speed through real-time dashboards & analytics.

PROJECTS

ImpactLoom | Next.js, Node.js, PostgreSQL

Feb 2025

- Developed during the finals of the Tem-(E)-thon Hackathon, 2025.
- Built a GenAI-powered CSR initiative impact measurement tool with community and collaboration aspects.
- Led full-stack development, including frontend integration, database setup, and server-side logic.

EmotiAI Support | Next.js, Node.js, PostgreSQL

Feb 2025

- Ranked among the top projects in the Indegene Hackathon 2025, competing against 500+ teams.
- Integrated CBT research into a retrieval-augmented generation (RAG) system, achieving better emotional relevance than other models in 5/5 rating points.
- Led the full-cycle development, from ideation to deployment.

Med-AI Copilot | Streamlit, Firebase

Oct 2024

- Developed during the prototype phase of the Atmecs Gen AI Hackathon, 2024.
- Created a multimodal AI platform to accelerate medical research, diagnosis, and treatment.
- Enabled scalable, privacy-compliant healthcare solutions, supporting efficient patient care and research.

ACHIEVEMENTS

Finalist | Indegene hackathon

Feb 2025

- Recognized by Indegene as a finalist for developing an AI-driven mental and emotional well-being tool.

Finalist | Tem-(E)-thon - Temenos India hackathon

Feb 2025

- Finalist at Tem-(E)-thon by Temenos; built a CSR impact measurement tool to drive sustainable innovation.

Winner | AI for Urban Health - Prompt-A-Thon

Oct 2024

- Issued by University of Detroit Mercy for developing an AI solution addressing urban health challenges.

Finalist | Rakathon - Rakuten India Hackathon

Aug 2024

- Recognized by Rakuten for developing an AI-powered fashion e-commerce platform.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, MySQL, PostgreSQL, MongoDB, HTML, CSS

Developer Tools: VS Code, Android Studio, IntelliJ IDEA Ultimate

Technologies/Frameworks: Linux, Git, GitHub, ReactJS, Next.js, React Native, Node.js, Spring Boot, Streamlit, Tableau

LEADERSHIP and EXTRACURRICULAR

Quiz Society(QuizSoc) | Core Member

Feb 2024 – Present

- Founded the Quiz Club at IIIT Bangalore and organized 15+ quizzes in the college.

Impulse(Dance Club) | Core Member

May 2023 - Present

- Organized 20+ dance events at IIIT Bangalore and represented the college in multiple events.