

RUDALPH GONSALVES

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OBJECTIVE

Aspiring Software Engineer with experience in building end-to-end applications and AI-driven solutions, seeking full-time roles in software development and machine learning.

EDUCATION

Master of Science in Computing (Artificial Intelligence), Dublin City University. Expected 2026
Relevant Coursework: Machine Learning, Data Analytics, Deep Learning, AI Practicum.

Bachelor of Technology in Computer Engineering, Mumbai University. 2021 - 2025

SKILLS

Technical Skills	Python, Java, MERN stack, Firebase, Flask, Langchain, TensorFlow, OpenCV, Vercel
Soft Skills	Team Collaboration, Public Speaking, Problem Solving, Time Management

EXPERIENCE

Software Development Engineer Intern Jan 2025 - Jun 2025
Future Logic Systems Pvt. Ltd. *Mumbai, India*

- Developed a blockchain-based full-stack app using MERN, Ethereum, and IPFS.
- Delivered an MVP in a 5-member team and demoed it to 2+ stakeholders.
- Used by 5+ companies to authenticate 1,000+ products via decentralized storage.

Automation Testing Engineer Intern Feb 2025 - May 2025
Arcon Techsolutions Pvt. Ltd. *Mumbai, India*

- Developed 150+ Java Playwright scripts for testing Arcon's internal web applications.
- Demoed all automation scripts to the QA team, achieving 70%+ test coverage.
- Reduced manual testing effort by 40-50% through robust end-to-end automation.

PROJECTS AND ACHIEVEMENTS

MediSense. Developed an AI-powered health tech solution using MERN, Langchain, RAG, Graph RAG, and LLaMA. Won an international hackathon, published in an IEEE conference, received the Best Innovative Solution Award, and secured pre-incubation support from Mumbai University. (<https://medi-sense.vercel.app>)

Legal Connect. Developed an AI-powered legal documentation assistant using MERN, Langchain, RAG, and OpenAI LLM. Won SIH'23, India's largest hackathon, and the National Entrepreneurship Bootcamp.

JivSankalp. Built an ML based solution for endangered species conservation using Flask, OpenCV, TensorFlow, InceptionV3, and YamNet. Enabled real-time image and sound classification to support wildlife monitoring.

EXTRA-CURRICULAR ACTIVITIES

- Mentored participants at Bit N Build International Hackathon.
- Delivered talks on "How to Ace Hackathons" and conducted "Retrieval-Augmented Generation" workshop.
- Worked with Fire and Security Association India and VPN Digital Services as a Software Developer.

LEADERSHIP

- **Campus Lead**, AlgoZenith Campus Connection Program (2023-24); organized 3+ technical events.
- **Associate Member**, Google Developer Students Club (2022-23); conducted 5+ technical workshops and events.