

PROFESSIONAL SUMMARY

MCA graduate and full-stack/AI developer with hands-on experience delivering production web applications and building applied Machine Learning systems, including a Network Intrusion Detection System and a fine-tuned LLM for a low-resource Indian language. Skilled in Python, Java, SQL, and modern ML/NLP frameworks. Seeking a Graduate Engineer Trainee role to apply strong problem-solving skills and a continuous-learning mindset to real-world engineering challenges.

CORE TECHNICAL SKILLS

Programming Languages: Java, Python, SQL

Web Development: HTML5, CSS3, JavaScript, React, REST APIs, Flask, PHP, MySQL

Machine Learning / AI: scikit-learn, TensorFlow, PyTorch, XGBoost, Hugging Face Transformers, NLP, Network Intrusion Detection Systems (NIDS)

Tools & Platforms: Git, GitHub, VS Code, Streamlit, Google Colab, Google Cloud

Core Competencies: Data Structures & Algorithms, OOP, SDLC, Debugging & Testing, Problem Solving, Team Collaboration

WORK EXPERIENCE

AI/ML Intern — Comed Kares, Bangalore

Feb 2026 – May 2026

- Built a Network Intrusion Detection System (NIDS) using Random Forest and SVM to classify malicious network traffic in real time, supporting proactive cybersecurity monitoring.
- Fine-tuned a Tulu-language LLM using Hugging Face Transformers for text generation and classification, contributing to applied NLP research on a low-resource Indian language.
- Preprocessed and engineered features from network traffic and text datasets, improving model accuracy and training efficiency; documented results for the internal research team.
- Presented the NIDS project during an industry field visit to Razz Cyber Security, Bangalore, discussing implementation approaches with practicing security professionals.

Full Stack Developer Intern — Accolade Tech Solution Pvt. Ltd., Mangaluru

Mar 2024 – Jun 2024

- Developed and deployed production-grade web applications for live client projects using React, HTML, CSS, PHP, and MySQL, contributing end-to-end from database design through frontend implementation.
- Built full frontend-to-backend integrations that improved application responsiveness and streamlined user workflows across multiple client deliverables.
- Designed a Phishing Detection System using machine learning to identify malicious URLs and web content, strengthening security for client-facing applications.

PROJECTS

Network Intrusion Detection System (NIDS)

Python, scikit-learn, Random Forest, SVM

- Built a real-time classifier for malicious network traffic, engineering features from raw traffic data to improve detection accuracy for proactive monitoring.

Tulu Language LLM Fine-Tuning

Python, Hugging Face Transformers, NLP

- Fine-tuned an LLM for Tulu, a low-resource Indian language, for text generation and classification; preprocessed and engineered features from text datasets to improve training efficiency.

Phishing Detection System

Python, Machine Learning, Web Security

- Designed a machine-learning system to identify malicious URLs and web content, strengthening security for live client-facing applications.

EDUCATION

Master of Computer Applications (MCA)

2024 – 2026

St Joseph College of Engineering & Technology, Mangaluru | CGPA: 8.04/10

Bachelor of Computer Applications (BCA)

2021 – 2024

Vivekananda College of Arts, Science and Commerce, Puttur | CGPA: 8.56/10

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- Cybersecurity Course — Skill India Digital Hub (Mar 2026)
- Privacy and Security in Online Social Media — NPTEL (Jul–Oct 2025)
- PyThinking: An Approach to Problem Solving — VCET Puttur (Dec 2022)
- Google Cloud Skills Boost (Jan 2024)

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- Coding Event Head, Techno Fusion (May 2024) — led a college-wide coding event for 50+ participants, designing problem sets and managing end-to-end logistics and judging.
- Attended TEDxSJEC – "Life: Explore What's Worth Living" (Dec 2024).