

## PROFESSIONAL SUMMARY

Final-year Integrated Master's student in Computer Science with a strong foundation in software engineering, and applied artificial intelligence. Experienced in building end-to-end systems spanning web development, data platforms, and machine learning workflows. Demonstrated ability to translate problem statements into practical, working solutions through academic, hackathon, and independent projects. Actively seeking an entry-level Software Engineer / AI / Analyst role.

## TECHNICAL SKILLS

- **Programming Languages:** Java, Python, SQL, JavaScript, C++
- **Frameworks & Libraries:** Spring Boot, Angular, Streamlit, Selenium
- **AI / ML:** Machine Learning fundamentals, NLP, Quantum Machine Learning (academic), basic neural networks
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, Docker (basic), Microsoft Azure, Google Colab, Apify

## PROJECTS

- **InfluenceIQ – Social Media Intelligence Platform**  
*Python, Streamlit, NLP, Machine Learning, MongoDB, Apify, Selenium*
  - Designed and developed an end-to-end platform to collect, process, and analyze influencer data from social media platforms.
  - Implemented engagement metrics, authenticity checks, and NLP-based content analysis to assess influencer quality.
  - Built interactive dashboards for ranking, visualization, and structured data export.
- **Quantum Supply Chain Manager**  
*Python, PennyLane, Qiskit, QAOA, VQE*
  - Developed a hybrid quantum-classical system to predict product backorders using Quantum Neural Networks.
  - Implemented MERA-based quantum models and benchmarked performance against classical machine learning approaches.
  - Solved Vehicle Routing Problems using quantum optimization techniques (QAOA/VQE) on simulators.
- **eSociety – Smart Society Management System**  
*Java, Spring Boot, SQL, HTML, CSS, JavaScript*
  - Built a role-based web application to manage residents, complaints, notices, and maintenance operations.
  - Digitized manual society workflows, improving transparency and issue tracking.

## EXPERIENCE

- Cloud Practitioner Intern – Microsoft E-Train** Jun 2024 – Jul 2024
- Designed and deployed automated workflows using Power Automate and Azure Logic Apps.
  - Simulated enterprise-grade task automation and approval pipelines.

## EDUCATION

- Integrated M.Tech in Computer Science** 2021 – Present  
Vellore Institute of Technology **CGPA: 8.69**

## CERTIFICATIONS

- Microsoft Azure AI Fundamentals (AI-900) – Microsoft, 2024
- React.js Developer Assessment – 2024