M I Inaam Ahamed

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Summary

A motivated BEng Software Engineering student along with a Pearson HND qualification and strong proficiency in Python, Java, C#, and modern front-end technologies. Through academic coursework and real-world projects, I've developed hands-on experience in full-stack development and software problem-solving. Known for being proactive, adaptable, and a fast learner, I thrive in dynamic environments and enjoy contributing to collaborative team projects. Eager to apply my skills and passion for software development in a challenging internship or entry-level role that fosters growth and innovation.

Projects

VENOMGUARD AI | *Python, AI, ML, NLP, Computer Vision, MySQL, React*
- An AI AI-enabled platform that leverages machine learning and computer vision to identify venomous species from images, geographic data, and symptoms for rapid emergency response providing real-time species-specific medical guidance, suggests nearest hospitals and rescue centers, and enhances public safety and wildlife conservation.

GASBYGAS | *Next.js, Tailwind CSS, React Native, MySQL*
- A System that handles Gas Distribution and all kind of operations related to it between the head-office and it's outlets. The consumers end is a mobile app that facilitates consumers to place their gas cylinder requests from their homes and pick them up at their desired pickup date and preferred outlet.

.BLOG (Blogging Platform) | *Python, Flask, HTML, CSS*
- A platform for creating and publishing blog posts, with features like blog editing, uploading images and deleting blogs.

TRADE-SENSE AI | *Python, Flask, yfinance, Q-learning, React.js, Tailwind CSS, Recharts*
- An AI-powered trading assistant that provides BUY/SELL/HOLD advice using a hybrid strategy of technical indicators and reinforcement learning. Built with Python, Flask, React and Recharts.

ROYAL GEMS | *HTML, CSS, JavaScript*
- A professional business website for Royal Gems, featuring an overview of their services, a gallery showcasing premium gems and fine jewelry, and a contact page.

BOOK-HEAVEN | *C# (Layered Architecture)*
- Bookstore Management System for a bookstore with all functionalities including a POS for the Sales Clerks.

MALAYKART | *React, Tailwind CSS*
- An E-Commerce platform that sells Malaysian products

Technical Skills

Languages: Python, C#, JavaScript, HTML, CSS/Tailwind CSS, TypeScript, R, Java
Technologies: React.js, Next.js, Angular, Flask, TensorFlow, PyTorch, .NET, Node.js, React Native
Concepts:

- **AI/ML:** Artificial Intelligence, Machine Learning, Neural Networks, Natural Language Processing, Deep Learning, Reinforcement Learning
- **Core CS:** Data Structures and Algorithms, Object-Oriented Programming, Design Patterns, Software Testing
- **Software Dev:** API Design, Database Normalization, Agile Methodology, Version Control
- **Web Dev:** UI/UX, Responsive Design

Education

London Metropolitan University   2024 February - 2025 May

BEng (Hons) in Software Engineering (TOP UP) - Following ESOFT METRO Campus)

- Pursued a comprehensive curriculum covering full-stack development, AI, software architecture, and project management.
- Completed hands-on projects in Python, React, .NET, and Java applying industry practices and agile methodologies.
- Led the final year research project on AI-driven Venomous Species Detection, enhancing skills in machine learning and data analysis.

ESOFT Metro Campus   2022 October - 2024 February

BTEC HND in Computing (Software Engineering)

- Gained foundational knowledge in Software Development, Database Management, and Web Technologies.
- Developed proficiency in programming languages such as HTML, CSS, PHP, Python, Java and gained experience in software testing and debugging.

Lyceum International School   2019 February - 2022 February

GCE Advanced Level - Physical Science

- Gained knowledge in Combined Mathematics, Physics, and Chemistry with strong analytical and problem-solving foundation.

Reference

- **Rifky Azad**
  CEO at Amiuriq (PVT) LTD
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