Kaustubh Murali Prakash

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Education

Queen Mary University of London — London, UK
MSc Artificial Intelligence — 2022–2024

Sir M Visvesvaraya Institute of Technology — Bangalore, India
Bachelor of Engineering, First Class Distinction — 2018–2022

Experience

Petbiotech — Bangalore, India
Product Developer — 2022–2023

- Designed and developed a real-time data monitoring system, resulting in 20% improvement in operational efficiency and decision-making.
- Built backend services using Python, ensuring seamless integration with existing infrastructure and adherence to safety and security standards.
- Successfully managed the software development lifecycle, ensuring compliance with internal processes and regulatory standards.

Utpal Tatu Lab, Indian Institute of Science — Bangalore, India
Research and Data Analyst — 2022–2023

- Led the development of epidemiological data analysis tools, focusing on safety-critical software requirements and regulatory standards.
- Conducted system-level tests to validate models and algorithms, ensuring adherence to health management practices and regulatory standards.

Falcon Logic — Bangalore, India
Digital Marketing and Data Scraping Intern — 2021–2022

- Spearheaded data-driven marketing strategies, resulting in 20% improvement in customer profiling accuracy and campaign targeting effectiveness.
- Developed and maintained data analytics solutions, supporting strategic decisions and leading to 15% increase in operational efficiency.

Leadership Experience

Queen Mary University of London — London, UK
Course Representative — 2023–Present

- Improved student-faculty communication, organized focus groups to address course challenges, and boosted student satisfaction by 15%.
- Collaborated with the Director of Education to refine the curriculum based on student feedback, increasing course completion rates by 10%.

Skills

Soft: Communication, Collaboration, Project Management, Leadership, Problem-Solving, Adaptability

Technical: Python, Data Analytics, Real-time Data Monitoring, Software Development Lifecycle, Backend Services, Data-Driven Marketing

Certifications

2023: Google's Professional Certification in Data Analytics
2021: University of Michigan, Getting Started with Python