Anuja Dilrukshi

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PROFILE

Results-oriented **MSc Data Science and Analytics** candidate with a BEng in Software Engineering. Proven track record in **AI-driven applications**, backend development, and **cloud-native solutions**. Published researcher in **Natural Language Processing (NLP)**, with leadership experience as School and Course Representative. Adept at building data pipelines, predictive models, and deploying scalable solutions to drive business insights and impact.

SKILLS

Tech Skills
- **AI & Data Science:** NLP, LLMs, CNN, Classification Models, Image ProcessingPower BI, Tableau, Google Cloud Platform (GCP)
- **Programming & Development:** Python, R, Java, JavaScript, SQL, HTML, CSS Django, Flask, Spring Boot, REST APIs
- **Tools & Frameworks:** Pandas, NumPy, Scikit-learn, TensorFlow, Firebase
- **Cloud & DevOps:** Google Cloud, Git, GitHub, Docker (basic), Agile
- **Office & Design Tools:** Microsoft Word, Excel, PowerPoint, Canva, Adobe Photoshop, Google Workspace

Soft Skills

Communication, Quick Learner, Critical Thinking, Team Player, Leadership, Time Management, Problem Solving

ACHIVEMENTS & LEADERSHIP

- **Published NLP Researcher:** ICTer2023 🔗 Read Paper 🔗
- **Bronze Award**, IIT Excellence Awards 2024
- **MSc School & Course Representative**, Univ. of Westminster

EDUCATION

MSc Data Science and Analytics   2024/01 – 2025/01
University of Westminster   London,
Modules: Data Mining, Machine Learning, Big Data Theory and Practice, Business   United Kingdom
Optimisation, Business Analytics
Leadership: School Representative, Course Representative (2024–25)

BEng (hons) Software Engineering with Industrial Experience   2020/01 – 2023/08
University of Westminster   London,
Modules: Software Development Practices, Algorithms & Data Structures, Advanced   United Kingdom
Programming, AI & Data Analytics
Paper Published: TamZhi - AI Tamil Word Predictor, ICTer 2023 🔗

PROFESSIONAL EXPERIENCE

Data Science and Backend Developer   2022/09 – 2024/12
IT Domain   Australia(Remote)
- Led the "Intellijence" project using LLMs and image processing; improved model performance by 25%.
- Designed and developed RESTful backend services using Django.
- Collaborated in cross-functional teams to transform business requirements into data solutions.
- Deployed scalable, cloud-native applications in GCP.

Software Engineer Intern   2021/07 – 2022/07
Informatics International Limited   Colombo, Sri Lanka
- Improved software reliability by reducing bugs by 30% through rigorous testing.

- Wrote object-oriented code and reviewed peer submissions to maintain code quality.
- Collaborated on UX design and user journeys for enhanced usability.

Tutor
Excel Academy

2024/05 – 2024/08
Harrow,
United Kingdom

- Delivered personalized tutoring sessions for students in mathematics and computer science.
- Developed custom lesson plans tailored to individual learning needs, enhancing student understanding and performance.
- Provided feedback and tracked student progress, building communication and mentoring skills.
- Strengthened my ability to explain complex concepts clearly and motivate students.

Personal Assistant to Director
Red lounge limited

2024/03 – 2024/05
London,
United Kingdom

- Provided comprehensive administrative and personal support to the Director, managing daily schedules, meetings, and travel arrangements.
- Handled confidential correspondence, maintained records, and ensured smooth communication between departments and external stakeholders.
- Prepared reports, managed emails, and followed up on action items to support efficient decision-making.
- Supported the Director in project planning and daily business activities, ensuring deadlines and priorities were met.
- Prepared reports and managed correspondence using **Microsoft Word and Excel**.
- Created presentation decks for meetings using **PowerPoint**.

Content Writer
Medium – @anuja-herath ✐

- Wrote and published multiple **data science, AI, and ethics-focused articles**, including opinion pieces and technical explainers.
- Created SEO-optimized content targeted at learners, practitioners, and decision-makers.
- Topics include GPT models, ethical AI, and real-world applications of data science.

PROJECTS

TamZhi (Individual NLP Project)
- Developed a predictive model for Tamil transliteration input (with/without vowels).
- **90%+ accuracy** using Python + Flask.
- Impact: Used in Tamil learning tools, published at ICTer2023 (University of Colombo) and won Bronze at IIT Excellence Awards. 🔗 Read Paper ✐

Oggy Doggy (Group ML Project)
- Built a mobile app to detect dog emotions via image input.
- Achieved **85% accuracy**; supported early adoption in vet clinics for behavioral analysis.

LANGUAGES

English	Tamil
Hindi	Sinhala