

SHEYIN AVONG

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Professional summary

MSc Graduate in Applied Data Science and BSc in Computing with a versatile technical background in Software Engineering, Mobile Development, and AI. Proficient in building full-stack web and mobile applications using TypeScript (Node.js), Laravel, Flutter, and Python. Experienced in delivering freelance technical solutions, including automated tools and business websites, alongside developing advanced machine learning models. Seeking a challenging role to leverage a unique mix of application development and analytical skills.

Technical Skills

- Languages: Python, TypeScript, JavaScript, SQL, PHP, Dart, R, C#
- Web & Backend: Node.js, Express.js, Flask, HTML, CSS, Restful APIs.
- Mobile Development: Flutter (Cross-Platform IOS/Android), State Management, SQLite
- Data Science & AI: Machine Learning, Deep Learning (YOLO, ResNet), LLMs, OpenAI API, Computer Vision, Pandas, NumPy
- Tools & Cloud: Git, GitHub, Docker, AWS, Azure, Render, VS Code
- Analysis & Methodologies: Agile, Stakeholder Elicitation, Business Analysis (BCS Foundation Certificate)

Work history

Freelance Software Developer | Remote | 02/2023 – Present

- Client Web Solutions: Developed and deployed responsive websites for businesses, customising workflows and site architecture to meet specific client requirements.
- Process Automation: Engineered a fully automated certificate generation system using Python (Flask) for a training company. Designed backend logic to enable batch creation, streamlining the manual certification process and saving hours of administrative work.
- Mobile & Backend Engineering: Designed cross-platform mobile applications using Flutter, integrated with scalable Node.js/Express APIs to manage data flow and user authentication.

Sales Colleague | Currys - Preston, Lancashire | 09/2024 – Present

- Provide technical advice on tech products, assisting customers in making informed purchasing decisions.
- Meet and exceed sales targets while ensuring excellent customer service and supporting inventory management.

Business Analyst Internship | University of Central Lancashire | 06/2022 – 12/2022

- Analysed and visualised data to support university strategic decision-making.
- Created interactive dashboards and reports to effectively communicate insights to stakeholders.
- Conducted stakeholder elicitation to gather requirements and performed system tests to ensure data accuracy.

Education

MSc: Applied Data Science, 09/2024 – 09/2025

University of Central Lancashire - Preston, Lancashire

- Classification: Merit

BSc (Hons): Computing, 09/2019 - 06/2022

University of Central Lancashire - Preston, Lancashire

- Classification: 2:1
- Awarded The School Award for Best Project by student on BSc Computing
- Course Representative
- Peer Assisted Study Session Leader