

ALISTER ANIMESH BAROI

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Skills

- Python | JavaScript | Git | YAML | SQL | PHP | Bash | PowerShell | C++ | Java
- Streamlit | FastAPI | Docker | Django | Next.js | Anaconda | Keras | TensorFlow | Seaborn | Scikit-learn | Matplotlib | React Native
- Google Cloud | Google Colab | GitHub Actions | MySQL | PostgreSQL | Linux | Jupyter Notebooks | CI/CD | Software Architecture
- Microservices | DevOps | Data Analysis | Data Science | Machine Learning | AI | Frontend | Backend | English, Bangla, Hindi

Experience

Lead Cloud Architect

[Read Jobs](#)

London, England, UK (Remote) 10/2023 - Present

- Acquired **\$2K Google Cloud Startup Funding** as **Cloud Credits** to enable the company to access Google Cloud for two years at no cost.
- **Created AI-driven APIs and systems** to streamline the automated workflows which significantly increased company's internal efficiency.
- Designed, implemented, and **oversaw the cloud infrastructure** of the company.

DevOps Engineer (Apprenticeship)

[The Kambyan Network](#)

Petaling Jaya, KL, Malaysia 08/2022 - 06/2023

- **Designed, built and monitored the CI/CD pipeline** which reduced the company's code-to-production interval from **1 hour to 4 minutes**.
- Monitored, analyzed, and **optimized the cloud infrastructure** which resulted in a **65% reduction of the daily cloud operations cost**.
- **Designed the microservice architecture**, its integration with the cloud, and **compliance with the SDLC and Cloud Standards**.
- Designed, implemented, and **oversaw the VPC network** and the company's cloud infrastructure.

Technical Associate (Mentor)

[Google Developers Student Club @ Taylor's](#)

Selangor, Malaysia 10/2021 - 10/2022

- Was responsible for **hosting technical events and crash courses** on **Machine Learning**, and **Google Cloud Platform**, at the university.
- Hosted/conducted webinars on cloud computing fundamentals and **teaching Google Cloud Platform** to fellow and junior students.

Education

Bachelor of Computer Science (Honors)

[Taylor's University](#)

Selangor, Malaysia 08/2020 - 08/2023

- Major in Artificial Intelligence, Minor in Financial Technology, CGPA 3.54/4.0

Bachelor of Science with Honors

[University of the West of England](#)

Bristol, UK 08/2020 - 08/2023

- Computer Science, CGPA 3.54/4.0, Dual Award with Taylor's University

Projects

- **ResumeParserAPI**: API designed to accept requests with resume (PDF file) as argument, process them using computer vision and LLM, and send back the parsed data as JSON responses. Deployed using Google Cloud Run, [Link here \(11/2023\)](#)
- **Cat&DogClassifier**: A simple Deep Learning model, trained with a dataset of real-life (realistic quality, imperfect) images of cats and dogs, to classify between them with a high degree of accuracy. Deployed using Google Cloud Run, [Link here \(07/2022\)](#).

Certifications

- [AWS Cloud Technical Essentials](#), by Amazon Web Services (AWS) (10/2023)
- [Google Cloud Fundamentals: Core Infrastructure](#), by Google Cloud (12/2022)
- [Image Processing with Python](#), by DataCamp (11/2022)
- [Microsoft Certified: Azure Fundamentals \(AZ 900\)](#), by Microsoft (06/2022)
- [Data Analysis with Python](#), by freeCodeCamp (02/2022)
- [Certification in Web & E-Commerce](#), by Daffodil International Professional Training Institute (DIPTI) (04/2019)

Others

- **Taylor's Shine Gold Award**: Taylor's University's recognition of my outstanding extracurricular activities, e.g. hackathons, & certifications.
- **2nd Prize Winner**: Placed 2nd out of 2568 contestants, 797 finalists on [FOSSASIA Cloud Skills Challenge 2022](#), a global competition hosted by Microsoft and FOSSASIA (04/2022).
- **4th Place**: Ranked 4th out of 73 contestants at [ImagineHack2021](#) hackathon, hosted by Taylor's University (06/2021).
- **Taylor's Excellence Award (Scholarship)**: Got scholarship for my Bachelor program from exceptional performance during foundations.
- **Dean's List Award**: Got multiple Dean's List Award of Recognition in foundation and bachelor degree for exceptional academic record.

