
BRYAN LEUNG

SOFTWARE ENGINEER II

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BACKGROUND

Graduated in computer science major. The academic period was marked by a cultivated curiosity in understanding programming principles. Recently engaged in a startup and an outsource vendor company, where MVC thinking and microservice architecture is applied, especially in related to full-stack web application development. Interested in learning new frameworks and tools, adapting to varied environments, and embracing challenges.

SKILLS

Programming Languages	Python, JavaScript, TypeScript, PHP, SQL, CSS, HTML
Frameworks / Tools:	React.js, Next.js, Gatsby.js, Less, Ant-Design, Tailwind CSS, Flask, Selenium, Pandas, NumPy, Jupyter, Docker, Kubernetes, AWS, GCP, VS Code, VS Studio, Postman, Bitbucket, GitHub, Docker

WORKING EXPERIENCE

Software Engineer II

ESSAA Ltd.

05/2022 – 10/2023

- Designed and maintained scalable pipelines in **microservice architecture** for social media platform **data scraping** in startup, ensuring efficient and reliable data extraction.
- Performed **ETL** operations using **Jupyter Notebook** and integrated deep learning models to predict trends based on social media data extracted from the pipeline.
- Developed user-friendly **CMS** to monitor and control the data scraping process, enhancing visibility and management.
- Built multiple cloud services in **GCP**, leveraging technologies such as **Cloud Functions** , **Cloud Run** , **Kubernetes** , **Pub/Sub** , **Cloud Storage** , **BigQuery** , **Vision API** , and **Vertex AI** .
- Created **RESTful APIs** using **Python Flask**, integrating multiple cloud services and implementing a notification system to provide service status updates, following the repository pattern.

Frontend Developer

Mouxidea Limited

06/2021 - 02/2022

- Developed web-based **CMS** applications for an NGO service unit with **1000+** users, using **ReactJS** and **Ant Design** to deliver visually appealing data presentations and seamless user experiences.
- Gathered data from various back-end services, collaborating with backend developers to ensure effective **API** design.
- Integrated third-party tools into the application to enable functionalities such as **surveys drafting**, **session reservations**, and **barcode scanning**.
- Employed **agile** methodologies and participated in cross-functional teams to deliver high-quality software solutions within strict timelines.

EDUCATION

Bachelor of Science: Scheme in Computing

The Hong Kong Polytechnic University

09/2018 - 09/2022

- President of Society of Computing Studies, 2019 to 2020