Xianfeng (Alex) Zhuge

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CAREER OBJECTIVE:

With almost two years' worth Industrial experience in Software development and a variety of interests and achievements in different areas of software development. Seeking a position in Information Technology as a Software Engineer. I'm skilful to solve problems using Python/Java and other compiling languages (JavaScript, C) during development. I also have database development skills and IOS app development with many projects experience. I'm hardworking, innovative and always eager to learn new things. I'd like to develop my career further and bring great value and dedication to the role.

EMPLOYMENT HISTORY

Software Developer   **Nov 2021 - Now**
Company Name: Xaana.AI
Duties & Responsibilities:

- **Problem Solving** - Identifying integration issues between ERP systems and automation invoice systems. Associating principle developer for service deployment on AWS production environment including PostgreSQL database migration and Elastic Stack configuration.
- Providing problem solutions in software development and implementation, researching and testing the capability of new technology features that may help to solve current issues.
- Key technologies: ETL, Jenkins, Pinot, Superset, EKL, Git**,** ODOO, ERP connection, Restful API, Postgres, Aws ec2, AWS Textract OCR,

Achievements:

- Participating in continuous improvement and deliveries for living and ongoing technical products by developing, troubleshooting, generating suggestions, engaging in problem-solving activities and technical support and daily maintenance.
- I developed my capabilities from Data Extract, Transfer and load(ETL), communication skills with stakeholders, rigorous thinking and the ability to solve the issue independently.

Full Stack Developer   **May 2022 - Now**
Company Name: IPOMOEA PTY LTD
Duties & Responsibilities:

- **Self Motivation** - co-founder of the startup company that delivers the solution for 3D virtual facial plastic surgery AI system that allows patients to use VR (Virtual Reality) headsets to visualize their potential plastic surgery results.
- Design and infrastructure of the IOS application for virtual plastic surgery, Depth camera control, composite views control, error handling and object-oriented system delegated by the observable controller.
- **Team Communication Skills -** Experience in team management and effective communication, the ability to consult the demands and technical problems between the clients and team members.
- Key technologies: XCode, SwiftUI, UIKit, Aws ec2, s3

Achievements:

- Delivering key stakeholder satisfaction resulting fully functioned IOS app including user interface, face detection, data collection and transfer to S3 for further ML process.

Full Stack Developer, Self Employed   **May 2020 - Jul 2020**
Company Name: Minimi Academy, Kindergarten
Duties & Responsibilities:

- **Project Management Skills and Leadership** - Led an agile team as a project manager developing a new webpage for Minimi Academy. Budget control and division of work experiences, the ability to track the process, problem-solving, team communication and process reports to the stakeholders.
- Leadership and training process including project introduction, Agile framework and division of work. Budget control for each stage and providing internship certificates to interns.

Achievements:
- Participating in continuous improvement and delivery of living and ongoing technical products by developing (DevOps), troubleshooting, generating suggestions, and engaging in problem-solving activities.
- Extra functionality and features based on the previous website were delivered, which were highly satisfied by the Stakeholder.
- I developed my capabilities from Stakeholder management including communication skills and requirement analysis.

QUALIFICATIONS:

Bachelor of Computer Science and Technology   **Feb 2016 - Jul 2019**
The University of Sydney
- Relevant Coursework: Data Structure, Algorithms, AI, Database System, Project Management
- Learned to use C, C++ for compiling, full knowledge of Data structures, Algorithms and Database, with a great passion for Algorithms, AI and Machine Learning

ACADEMIC PROJECTS:

iPhone Apps Developer, Intern   **Nov 2020 - Feb 2021**
TheOne Holdings Group
Description: Leading an undergraduate students team that developing an iPhone app of TheOne membership club by using swift and Firebase.
Duties & Responsibilities:
- Analysis of design and development of TheOne Membership application, online the project to Apple Store and All the related Data to Firebase.
- Assistance with unit tests. Resolution of complex problems and constantly looking to significantly improve processes and programs.

Blockchain Boosted AI   **May 2019 – Jul 2019**
University of Sydney Technology
Description: Working a part-time job as a Developer helping Professor Zhou, develop a system based on Blockchain to boost users' trust in an ML model for Data61.
Duties & Responsibilities:
- Back-end coding with Ethernet building, constructing the framework using Flask and Django, compiled unit tests for the project and wrote the report to explain the platform's structure.
- Improving a new user 'buyer' who could purchase ML model and/or ML model evaluation through blockchain. Adding more evaluation based on uncertainty and accuracy of the test results and data provider feedback.
- The new front user interface has been created to test the availability of new data analysing structure - Uncertainty Performance Interface (UPI) in professional testing processing.

Achievements:
The final project was delivered with a fully functional system framework based on an offline Blockchain prototype, it has been tested by a multilayer of testing including unit test, usability test and integrity test. Sponsorship was applied for this project.

COMPUTER PROFICIENCIES:

Programming Languages:	PYTHON, JAVA
Operating Systems:	Linux, Ubuntu, Windows OS, Mac OS

Databases:	MySQL, SQL, Firebase, Pinot
Frameworks:	ODOO, Superset, NIFI, Django, Flask, Kafka, SwiftUI
Others:	Git, JAVASCRIPT, XCode, HTML, C, C++, C#, CSS, Assemble/Repair PC(Yes, I believe IT guy should know how to fix PC at least base level)

REFERENCES:

Available upon request.