

Andy Luu

Contact

Seattle, WA
(425) 364-9543
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Immigration

Holds an E-3D Visa
Authorized to work in
the US

Education

Bachelor of Engineering
University of Sydney
2013-2016

Skills

Flutter / Dart
JavaScript / ReactJS
Python
HTML5 / CSS
Git
Project Management

Experience

WBS Technology / Flutter Developer

November 2020 - October 2022

Seattle / Sydney

- Migrated two IoT device mobile apps from native Android and iOS to Flutter (including a collaborative design process on Figma), halving on-going development costs.
- Reduced manual firmware testing by hundreds of hours a year by adding automated firmware testing over Bluetooth LE.
- Automated app deployment to the Android and iOS app stores with Fastlane / Pipelines to facilitate continuous deployment, saving up to 100 hours a year.
- Introduced robust offline write functionality with SQLite, rectifying a historically persistent issue of unreliable writes in low-connectivity environments.
- Trained junior developers, including documentation of the Kotlin/Spring Boot and PHP REST APIs providing cloud IoT device data.
- Prototyped a new IoT frontend using Flutter Web, eventually working on development using ReactJS.

TSA Management / Project Manager

November 2016 - November 2020

Sydney

- Managed a diverse team of property developers, engineers, architects, and contractors to deliver a \$74m full refurbishment and \$15m partial refurbishment of commercial buildings in the Sydney CBD.
- Resolved financial and contract disputes to deliver the project on time and on budget despite the COVID-19 pandemic.