Max Wo

hello@maxwowo.com — (+64) 220 504 372

EXPERIENCE

Atlassian   Feb. 2022 - Apr. 2024
Software Engineer   *Sydney, Australia*

– Worked on various growth experiments to drive product adoption through improving invitation experiences.
– Worked on the spiking, implementation, instrumentation, QA, analysis, and productionisation of experiments.
– Worked with TypeScript, Java, Kotlin, Apollo GraphQL, Splunk, SignalFx, LaunchDarkly, and StatSig.

Atlassian   Nov. 2020 - Nov. 2021
Software Engineer Intern   *Sydney, Australia*

– Improved Jira Cloud metrics logging to diagnose and gain more insight into potential performance problems related to core Jira Cloud microservices.
– Implemented custom metrics collectors to record information about each Jira Cloud microservice request and displayed the relevant statistics in a Splunk dashboard.
– Worked with Java, Splunk, SignalFx, Amazon CodeGuru, Lightstep, and LaunchDarkly.

UNSW CSE Society   Feb. 2020 - Mar. 2021
Software Project Lead   *Sydney, Australia*

– Led a team of eight developers to develop a timetabling website application.
– Responsible for task delegation, making high-level decisions, and managing team progression.
– Working with TypeScript, React, Node.js, and MongoDB.

Dolby Laboratories   Nov. 2019 - Feb. 2020
Software Engineer Intern   *Sydney, Australia*

– Researched and implemented an approach to handle API specification, validation, and documentation in the server-less environment.
– The approach enables API creators to dynamically create and add APIs on the fly, and automates the documentation-generation process for the customer-facing website.
– Worked with Amazon API Gateway, AWS Lambda, Serverless Framework, and Node.js.

Pearler Investments   Jul. 2019 - Nov. 2019
Software Engineer   *Sydney, Australia*

– Revamped the auto-invest page, used stock market APIs to fill the assets page, integrated social login into the system using OAuth 2.0, and improved the user interface of the portfolio rebalance page.
– Worked with TypeScript, React, Node.js, and PostgreSQL.

Sunswift Solar Racing Team   Feb. 2019 - Nov. 2019
Software Engineer   *University of New South Wales*

– Worked on documenting and improving the race strategy software written in Python.
– Performed extensive updates to the team website using the Meteor JavaScript framework and doubled the number of daily visits from 50 to more than 100.

– Administered the team servers and eradicated a Bitcoin miner that used an exploit in Confluence to infiltrate one of the servers.

Datacom   Apr. 2017 - Apr. 2017
Software Engineer Intern   *Auckland, New Zealand*

– Worked at the payroll department for two weeks during high-school term break.
– Designed, developed, and presented a ticket support system for the Windows payroll client using C# and MySQL.

EDUCATION

University of New South Wales   Jul. 2018 - Dec. 2021
B.Sci in Computer Science   *Sydney, Australia*

– Activities: CSE Society, Sunswift Solar Racing Team, ACM ICPC.
– Related coursework: Data Structures and Algorithms, Object-oriented Design & Programming.
– WAM: 86.9.

SKILLS

Programming Languages	TypeScript, Go, Python, C/C++, Kotlin, Java, Elixir
Technologies	React, Node.js, Spring Boot, GraphQL, PostgreSQL, Docker

PERSONAL PROJECTS

Yuzu   Oct. 2023 - Present
https://yuzu.la

– A social network app that facilitates internal community discussions.
– Users are grouped by their email domains. E.g. `mark@harvard.edu` and `eduardo@harvard.edu` are both grouped into the `@harvard.edu` community in the app. Their posts are only visible to other members in the `@harvard.edu` community.
– Built with TypeScript, React Native, Expo, PostgreSQL, and Supabase.

Stando   Jul. 2023 - Present
https://apps.apple.com/app/6455303729

– A simple sit & stand reminder app for macOS.
– Currently rated 5 stars on the Apple App Store.
– Built with Swift and the SwiftUI framework.