

Jack Goeree
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jackgoeree.github.io

Australian citizen based in Perth, Australia
Languages: English (native), Spanish (advanced)

PROFESSIONAL EXPERIENCE

Full-Stack Software Developer

Apr 2023 - present

Lotterywest

- Tools Used: Python/Django, PostgreSQL, Docker, Git, Javascript/React, bash, HTML/CSS, Atlassian suite
- Implemented new features and bug fixes, created JSON REST API endpoints, wrote and maintained unit and integration tests, created models and migrations, conducted code review, maintained CI/CD pipelines and deployments for the Lotterywest website and internal tools, played an active role in organisational transition from waterfall to Scrum methodology.

Software Engineer

Jan 2023 – Apr 2023

WarpForge

- Tools Used: C# .NET Blazor, PostgreSQL, Docker, Git, bash, HTML/CSS
- Built a full-stack web application from scratch featuring a REST API with authentication and live multi-user chat function; constructed a GitLab CI pipeline for automated testing and deployment to a Docker container running on a Linux server; designed and developed a PostgreSQL database using a code-first approach; designed and implemented a user-friendly UI following design principles.

Software Test Engineer

Jun 2021 – Dec 2022

Planit Testing

Client: Racing and Wagering Western Australia

- Tools Used: C# .NET, JavaScript/React, Git, SQL, AWS, Selenium, Atlassian suite
- Designed, executed and maintained manual and automated tests for the cross-platform TABtouch app serving >100k users.

Client: RAC Insurance

- Tools Used: MS Excel, Protecht ERM
- Performed functional test design, documentation, execution and issue tracking.

PROJECTS

Polyglot

- Demo: jackgoeree.github.io/polyglot
- Tools Used: Dart/Flutter, Python, Firebase
- Developed a flashcard-style language learning app that displays target words in an example sentence. Words can be clicked to display more information, including pronunciation (in IPA), full definition, category and part-of-speech where data is available. Language data in the Firebase Realtime Database is sourced from Wiktionary and language-specific dictionary PDFs using Python utilities.

EDUCATION

Master of Information Technology (Software Design and Development) 2020 - 2023

Charles Sturt University, Australia

- Tools Used: Python/Flask, Java, JavaScript
- Developed a well-documented full-stack quiz app with strong test coverage by following the SDLC end-to-end.
- Developed a cooking companion Android app adhering to mobile app design conventions and Java best practices.
- Maintained at minimum a distinction-grade average across all topics including machine learning, advanced programming, web development, Android development, software testing, cybersecurity, networking and database systems.

Bachelor of Arts (Linguistics) 2015 - 2018

University of Western Australia

- Studied the science of language including grammar, pronunciation and meaning across the world's languages.
- Studied communication with people from culturally and linguistically diverse backgrounds.
- Conducted research into language maintenance in the Mexican immigrant community of Perth, Australia.

Training and Certification:

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|---|---------------|
| • iSQI Certified Agile Essentials | July 2022 |
| • Professional Certificate in Internationalization and Localization | January 2022 |
| • AWS Certified Cloud Practitioner | November 2021 |
| • ISTQB Certified Tester Foundation | August 2021 |