

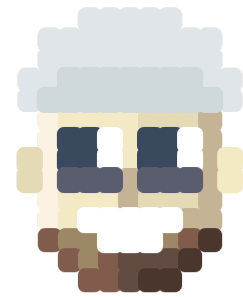
# Scott Gibbs

## Software Engineer

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📍 Hamburg, Germany

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## Summary

- 5+ years software developer experience including 3 years as a full stack developer for TechnologyOne
- Proven ability to ship high quality products loved by users, manage employees, and demo products.
- Proven ability to develop with many technologies, manage employees, and demonstrate products.

[Interview me](#)

## Experience

### Long Term Travel

Nov 2018 - Present

- Travelled for a year through 5+ countries, cycled 2000+ kms, and practiced 100+ hours of Spanish.
- Built 3 personal applications, learnt Spanish to a near advanced level, and had an incredible year.

### Software Developer | TechnologyOne

Brisbane, Australia | Feb 2015 - Nov 2018

- Full stack software developer for the Financials R&D team with a focus on the Expense Management suite of products. This included work on the website, server, database, and mobile applications.
- Designed, built, tested, and deployed software for 10+ products owned by the Finance R&D team.
- Won 3 employee elected awards (including the 'Innovation Award' for Quick Mocks) and recognition from the CEOs and R&D Director.
- Wrote specs, managed, and reviewed work from 3 interns, 2 graduates and 4 offshore developers.
- Managed 2 large products and contributed to reviewing, merging and deploying code.
- Was the lead developer for an industry leader competing Expense Management application. The application focused on UX, utilised a React frontend, and used AI to auto capture receipts.
- Worked closely with business analysts, UX, and product owners to design and deliver products.
- Often demonstrated products to groups and presented to all 1000+ employees on multiple occasions.
- Lead the migration of 20+ apps from TFS to GIT and became a GIT authority in the company.
- Developed 10+ developer tools (many with 50+ users) to improve developer workflows. Tools include a one click environment builder and numerous GIT integration and automation tools.
- Represented TechnologyOne at Google Next 2018 in San Francisco - a Google Cloud and AI focused conference. Additionally had private tours through Facebook and Google campuses.
- Was awarded for finding a critical cross site scripting vulnerability that affected all products.



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## Freelance Developer | Monadelphous, Others

Brisbane, Australia | Jan 2013 - Dec 2014

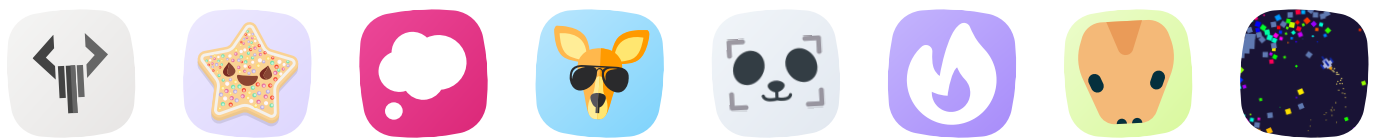
- Hired by 3 companies to build business applications for desktop, databases, and spreadsheets.
- Built an interactive desktop application using WPF and a custom graph rendering library to allow the forecasting of large engineering projects for managers at Monadelphous.
- Enhanced 5+ legacy spreadsheets with VBA macros to simplify data entry and export reports.
- Demonstrated ability to communicate professionally, design technical solutions, and present my solutions and demos professionally.

## On Site Supervisor | Building Solutions

Brisbane, Australia | Jan 2014 - Feb 2014

- Supervised the reconstruction of two large industrial slabs as an on-site leading hand.
- I coordinated multiple contractors concurrently, tracked goals and deadlines, communicated between clients and engineers, and ensured safety on the worksite.
- Work was completed to fulfil the industry work experience requirement for my degree.

## Projects



## Where is Kangabru? | [Link](#) | [Blog](#)

Personal | Mar 2019

- A personal website showcasing my location, photos, and world travels for friends and family.
- Built with React, Typescript, Redux; and hosted on Firebase using Auth, Firestore, Storage, Functions.

## Quick Mocks | [Blog](#)

TechnologyOne | 2017 - 2018

- A JQuery based Chrome extension which brings powerful website editing capabilities to any web page.
- Built as a 'Hack Day' project and became used by 300+ employees at the 1000+ employee company.
- Won 3 employee elected awards, multiple bonuses, and recognition from the CEOs and R&D Director.

## Spanish Flash Card Web App | [Blog](#)

Personal | Jan 2018

- A private Django web app to learn Spanish vocabulary quickly using data to analyse my progress.
- It's designed to be used anywhere, is deployed on Heroku, and uses a PostgreSQL DB.

## Thesis Concrete Analysis Tool | [Blog](#)

University of Queensland | 2014

- A Python application built for my thesis which analyses the capacity of strengthened concrete beams.
- Was innovative as it outputs comparable results to FEM analysis but runs in seconds rather than days.
- Was found to accurately predict the capacity and failure modes based on experimental results.



# Software Skills

Web: React Tailwind SVG JQuery DB: PostgreSQL Firebase DynamoDB  
Backend: Node Next.js Django .NET Heroku S3 Lambda SST Amplify  
Mobile: Android Flutter Desktop: Electron QT Other: GIT Numpy Pandas  
Langs: JavaScript TypeScript C# Python Java Dart UX: Figma Photoshop

## Education

### University of Queensland

Bachelor of Engineering (Honours IIA)  
Extended Major in Civil Engineering

Graduated July 2015  
Awarded Thesis Research Bursary 2014  
Awarded Dean Commendation 2011

- My thesis investigated the strengthening of ageing concrete bridges cheaply and non-destructively.
- Conducted 2 large scale experiments, built an FEM analytic model, and built a design tool in Python.
- Presented at Australian Conference of Undergraduate Research, Canberra 2014.

## Personal

- Extensive traveller, lived in 6 countries long term.
- Prolific travel photographer and gen art hobbyist.
- Qualified UK lifeguard (NPLQ certificate, 2010).
- Ask me about cycling, sand castles, bread baking.
- Native English speaker + fluent in Spanish.
- Drummer (Grade 8 distinction, Trinity Guildhall, 2010).

### Duke of Edinburgh Award

2007 - 2010

- Awarded the prestigious Gold DoE Award after 4 years of involvement in sport, charity and music.
- The award is proof of my strong work ethic, team player attitude and passion broaden my experiences.

### World Challenge Expedition

2011 - 2012

- After over a year in planning and preparation, 20 teammates and I travelled to Nepal.
- Our expedition included charity fundraising, aiding in the repair of a remote villages school, a high altitude trek through the Himalayas.

### Swimming Disability Volunteering

2008 - 2010

- Volunteering to help people swim at a local disabled club each week for 3 years.
- Two friends and I were awarded for the work we completed there In 2010.

## References



(Available upon request)  
Professor of Civil Engineering, UQ



(Available upon request)  
Director, TechnologyOne



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