Scott Gibbs
Software Engineer

@ **scottgibbs.me/contact**
⌖ Hamburg, Germany

🔗 **scottgibbs.me**
/github   /linkedin

Summary

- 10+ years professional experience with proven ability to ship quality products, lead projects, and take initiative.

- Looking to work on exciting, challenging, and impactful products. I'm eager to learn and quick to adapt.

Interview me

Experience

Independent Contractor | Multiple Startups
Europe | Jul 2021 - 2024

- Led development of an engineering computation platform using C#, React, and PostgreSQL.

- Worked with the leading competitor to my Pandasnap project. I designed and built a new online storage backend for their web extension client (1M+ downloads) using AWS Amplify, S3, and DynamoDB.

- Extended main product (500k+ users) and launched a side project for a serverless platform startup.

Long Term Travel
Central America | Nov 2018 - Jul 2021

- Slow travelled through 5+ countries for the adventure and to immersive myself in beautiful cultures.

- Built 3 full-stack apps, took 20k+ photos, cycled 2000+ kms, and practiced 100s of hours of Spanish.

- Attempted '12 startups' challenge while stranded in lockdown in Guatemala. I built 5 innovative products with limited success, but I challenged myself and my work directly led to lucrative work contracts.

Full Stack Software Developer | TechnologyOne
Brisbane, Australia | Feb 2015 - Nov 2018

- Worked in the Financial R&D team on 10+ products using C#, .Net, jQuery, React, MySQL, Oracle.

- Was the lead developer for a pioneering Expense Management product focusing on great UX. I built the inital React app, backend, a complex processing pipeline, and contributed to the receipt scan AI feature.

- Won 3 employee elected awards (including the 'Innovation Award' for Quick Mocks) and recognition from the CEOs and R&D Director. This was for building 10+ dev tools (some with 100+ users) to improve dev workflows. Tools include: Quick Mocks to build mockup UIs directly from web pages; a one click environment builder; and numerous GIT automation tools to simplify workflows over multiple repos.

- Wrote specs, managed, and reviewed work from 3 interns, 2 graduates and 4 offshore developers.

- Often demonstrated products to groups and presented to all 1000+ employees on multiple occasions.

- Lead the migration of 20+ products from TFS to GIT and became a GIT authority in the company.

- Was awarded for finding critical cross site scripting vulnerabilies that affected all products.

Freelance Developer | Monadelphous, Others

<div align="right">Brisbane, Australia | Jan 2013 - Dec 2014</div>

- Hired by 3 companies to build business applications for desktop, databases, and spreadsheets. I demonstrated my ability to design technical solutions, communicate professionally, and deliver results.
- 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.

Projects

Where is Kangabru? | Link | Blog

<div align="right">Personal | 2019 - Present</div>

- My travel photo blog showcasing my adventures for friends and family with 4500+ photos and videos.
- Includes a complex image viewer, an interactive game, and a masonry grid that supports 1000s of images.
- Built using Next.js, Firebase, Typescript, Tailwind, React Spring, and Node image processing scripts.

Thinkoutloud | Link | Blog

<div align="right">Startup | 2020 - 2022</div>

- A user testing service that recorded the screen and audio of users using prototypes. Clients setup a page with a prototype link and instructions, then they could share a recording link with their testers. Prototypes could be any website or Desktop app and we had 20+ clients with 10h+ of recorded video.
- Recording was painless for testers as we used WebRTC to record in the browser without downloads. We delivered videos to clients in seconds by using Cloudflare Stream and SST. The app was built with React, Tailwind, Framer Motion, Django, and PostgreSQL. I partnered with a friend but I handled all coding.

Pandasnap | Link | Blog

<div align="right">Startup | May 2020</div>

- A service to capture and collect 'snaps' of beautiful websites designs. It used Chrome & Firefox web extensions for capture; and Django, PostgreSQL, and S3 for hosting. It had 500+ signups on launch day.
- Proud of integrating so many platform components where all code was shared between runtimes. I had end-to-end tests (incl. extensions) using Selenium and created a one-click Chrome and Firefox build tool.

Quick Mocks | Blog

<div align="right">TechnologyOne | 2017 - 2018</div>

- 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.

Thesis Concrete Analysis Tool | Blog

<div align="right">Thesis | 2014</div>

- 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.

Scott Gibbs
scottgibbs.me/contact

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.
- Speaks English (native), Spanish (adv.), German (nov.).
- 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 to 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, and a high altitude trek through the Himalayas at 4750m.
- I led the team to manage all group finances for food, transport, and accommodation.

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

Scott Gibbs
scottgibbs.me/contact

Interview me