

Cole Maguire

Software Developer

github.com/cole-maguire
hello@colemaguire.me

I'm an adaptable, affable full stack Software Developer in Auckland, with 5+ years experience and a focus on diving deep into solving difficult problems. I've worked across several distinct industries, and I've come to thrive on the challenge of adapting to each of those industries, as well as becoming proficient in a number of languages and frameworks along the way. I'm excited to work either in-person or remotely with a team that's as focused on building high quality software as I am.

Languages

- Typescript
- Java
- Python
- SQL

Frameworks

- React
- Spring Boot
- Angular

Systems & Tools

- Google Cloud
- AWS
- Git
- Jira

Work History

Software Engineer - Trade Legion

March 2022 - Present

Trade Legion is a startup building a platform to manage construction and recruitment companies, and its small size means that I wear a lot of hats across a full stack. I wrote and supported React Native apps for Android and iOS, a completely separate web app, integrations with multiple third party vendors and a serverless backend architecture to coordinate it all. I accomplished this at pace, with a focus on meeting rapidly shifting client requirements, as well as learning the ins and outs of an industry (construction) I had no prior experience in.

I had a personal focus on building backend infrastructure for long term sustainability, coordinating some difficult migrations to fix earlier technical debt and maintaining security and standards as the codebase rapidly evolved,

Developer - The University of Auckland

September 2021 - March 2022

Following successful completion of a graduate program with the University, I was asked to become a full time member of their Identity and Access Management team. Besides maintaining a large range of existing pieces of critical infrastructure, the central focus of my time was building and rolling out a revamp of 2FA for staff, with a view to expanding it to students for the first time. This meant we had to build with UX, scale and reliability in mind, in order to sell the security benefits to students who hadn't dealt with mandatory 2FA before.

Graduate Developer - The University of Auckland

March 2020 - September 2021

After my internship, I joined the University's graduate program. This was designed to test my adaptability by rotating me through multiple business sectors, including the CRM, student recruitment and IAM teams. This constant rotation allowed me to broaden my experience base, and get very used to adapting fairly diverse requirements onto existing infrastructure in the most efficient way possible. It also meant that I was able to act as a point of communication between those otherwise disconnected teams, in order to translate issues between two very different perspectives and ways of working.

Intern Developer - The University of Auckland

December 2019 - February 2020

For this internship, I was assigned the task of designing and building a replacement for the University's current password management tools for support staff. This included building a front end website for staff to interact with, as well as a back end API to manage, log and distribute interactions across the domain. This project was a significant enabler for moving the university off of some fairly heavy legacy dependencies, and was also where I was introduced to working with modern software methodologies including Git, Jira and Agile development.

Developer - Kemsol

October 2017 - July 2018 (Fulltime)

July 2018 - October 2019 (Maintenance)

I gathered business requirements and then designed and built an internal product database, to support the marketing team. This project required setting up a new SQL Server to regularly sync with an SAP B1 instance, and was accessible to users through a heavily customised Microsoft Access frontend. I also provided support and assistance directly to users. This tool proved so popular internally that I was asked to expand its scope to other areas of the business, including the chemistry team, and to integrate with BI dashboards and other complex, third-party data sources.

IS Support - Compass Group

September 2017 - September 2017 (4 Weeks) (Fixed Term)

I QA tested an upgrade to the Saffron menu app, used by hospitals and rest homes around the country.

Education

The University of Auckland - (2015 - 2019)

Bachelor of Computer Science

Aquinas College - Tauranga - (2008-2014)

References

Excerpt from written references

"Cole developed a comprehensive database to handle our 1200 SKUs and all the technical, QC, marketing and pricing. He started from a blank slate and over 3 months built us an excellent system that is in daily use across our Sales, Admin, Marketing and Operations teams."

Further references are available upon request