

Work Experience

Bosch | Software Developer

Nov. 2021 – Dec. 2022

Kotlin, Kubernetes, Kafka, AWS, PostgreSQL, Spring

Berlin, Germany

- Successfully implemented a microservices-based architecture to handle hundreds of thousands of users, resulting in improved system performance and reduced downtime.
- Created a new onboarding flow for bike manufacturers and dealers to sign up to the B2B product.
- Presented at technology conferences to enhance the company's brand and reputation, driving increased interest from top tech talent for employment opportunities.
- Established and implemented new software standards, causing a significant increase in the quality and success rates of future projects.

Service NSW | Product Engineer

Jun. 2020 – Jun. 2021

React, JavaScript, Kotlin, Cloud Foundry, PostgreSQL

Sydney, Australia

- Streamlined citizen-government interaction by creating digital processes to replace paper forms, resulting in faster processing times and improved user experience.
- Successfully managed complex integrations with a new system, including data migration and overcoming different working methodologies between teams.
- Trained and mentored junior developers in lean and XP practices including pair programming and TDD, leading to increased efficiency and improved code quality.

Clearbox Systems | Software Developer

Oct. 2017 – Jun. 2020

Java, AngularJS, TypeScript, Kubernetes

Sydney, Australia

- Implemented pair programming and a service-oriented architecture, resulting in faster and less wasteful software delivery.
- Improved code quality and accelerated onboarding process for new graduates by providing detailed code reviews and mentoring.

Education

University of Technology Sydney, Australia

Mar. 2016 – Nov. 2020

- Bachelor of Engineering (Honours) in Software

CentraleSupélec Institute of Engineering and Science, France

Jun. 2019 – Jul. 2019

- Artificial Intelligence – Summer School

Projects

- **Shred Crew:** Mobile app for meeting other skiers - *React Native, Express, AWS Lambda, DynamoDB, Expo* - Shred.WillSmithTE.com
- **SnowTrack:** Data analysis on Australian snowfall patterns - *AWS Lambda, DynamoDB, React, Python* - WillSmithTE.com/snow

Technologies

- **Languages:** Kotlin, Java, Typescript, SQL, JavaScript, Python, Go
- **Other:** React, Spring, Docker, Kafka, Kubernetes, AWS, PostgreSQL, Git, Node.js, Cloud Foundry

Languages

- **English:** Native speaker
- **French:** Upper-intermediate, professional working proficiency; B2