WILL SMITH

+1 (250) 509-4091 • willsmithte.com • willsmithte@gmail.com

EXPERIENCE

Ourlit | Co-founder/CTO
Jul. 2023 – Current
Second-hand book marketplace and readers' social hub.
Vancouver, Canada
Remix, Software Architecture, Product Direction, Full Stack, React, MongoDB, AWS, Terraform
- Saved costs and ensured scalability using AWS load balancers, a CDN, and memory caching to handle 10,000+ users at launch.
- Pivoted product focus post-user testing, adding Stripe payments and reducing user-to-user communication.
- Detected performance regressions and compared them to Git commits by adding k6 load tests into the CI pipeline.
- Fixed misalignment between business objectives and day-to-day activities through OKR adoption, resulting in de-prioritisation of numerous features previously thought to be top priority, such as a complex review system and user profiles.

Leapfin | Software Engineer
Apr. 2023 – Jul. 2023
Fintech startup automating accounting and financial reporting.
Vancouver, Canada
Full Stack, Scala, React, Apache Airflow, Snowflake, Docker, AWS
- Boosted user trust and reduced manual reporting by 40% by showing users when and why data is missing, such as when a monthly App Store sales report was generated later than usual.
- Improved developer productivity by reducing feedback loops and eliminating staging-environment testing bottlenecks with a local testing environment using Docker, previously not possible using Apple Silicon laptops
- Reduced error rates when building client-specific custom functionality through realistic end-to-end regression tests.

Bosch | Software Developer
Nov. 2021 – Dec. 2022
Fortune 500 engineering company and Europe's leading eBike manufacturer.
Berlin, Germany
Backend, Microservices, Kubernetes, Kotlin, Kafka, AWS, PostgreSQL, CI/CD, Terraform, Spring, Distributed Services
- Improved system response times by 35% for 200k+ users using a service-oriented and event-driven architecture.
- Reduced bike dealer onboarding times by 96% by linking GitHub-hosted CSV updates to Jenkins jobs, also eliminating tedious email exchanges and human error.
- Elevated Bosch's project success by collaborating on a global board of experts, formulating baseline tech standards emphasizing fast feedback loops and continuous integration.

Service NSW | Product Engineer
Jun. 2020 – Jun. 2021
Digital transformation agency with a 97% customer satisfaction rate; state government
Sydney, Australia
React, Redux, JavaScript, Kotlin, Cloud Foundry, TDD, Pair Programming, Cross-Functional Teams
- Reduced error rates by 40% and wait times by 85% by converting a 28-page paper form to an online guided application.
- Delivered $250 million COVID application process in two weeks by building an ultra-lean MVP reusing existing infrastructure.
- Enhanced junior developers' proficiency in lean and Extreme Programming practices through weekly check-ins, resource sharing, and hands-on pairing sessions.

Clearbox Systems | Software Developer
Oct. 2017 – Jun. 2020
Australian industry leader in satellite-communications and EM-spectrum monitoring software
Sydney, Australia
Java, AngularJS, TypeScript, Kubernetes, Redis, Linux, MyBatis
- Delivered first production release of company's flagship product for monitoring & managing communications equipment used by military, government and commercial industries internationally.
- Shortened delivery schedule from 3 months to 2 weeks as lead developer on pilot team trialing microservices and CI/CD.

EDUCATION

University of Technology Sydney, Australia
2020
- Bachelor of Engineering (Honours) in Software
- GPA of 5.3/6, minor in machine learning
- WiseTech Global Junior Programming Prize for rank 1/500+

PROJECTS

- **Shred Crew:** Carpool and meet up with other skiers; ran user interviews, usability tests, social media marketing; *React Native, AWS Lambda, PostgreSQL, Expo*; ShredCrew.ski
- **Snow Tracker:** Compare snowfall data across years; *Python, AWS Lambda, DynamoDB*; WillSmithTE.com/snow

TECHNOLOGIES

- **Languages & Frameworks:** TypeScript, Kotlin, Java, SQL, JavaScript, Python, Go, Remix, React, Spring, Node.js, React Native, Express.js, AngularJS, Redux, Flask
- **Data stores:** PostgreSQL, Redis, S3, MongoDB, Kafka
- **Misc:** Docker, Kubernetes, AWS, Git, Cloud Foundry, Flask, REST, Terraform, EC2, Kanban, New Relic

LANGUAGES

- **English:** Native speaker
- **French:** Professional working proficiency; B2