WILL SMITH

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SUMMARY

Located in Vancouver, BC, Canada; 5+ years professional software engineering experience.

EXPERIENCE

Bosch | Software Developer   **Nov. 2021 – Dec. 2022**

Fortune 500 engineering company; 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 onboarding time by 96% for bike dealers using Jenkins jobs and GitHub repositories to remove manual work.
- Chosen to write and deliver talk on rapid prototyping at top Polish JVM conference; helped to expand the team in Poland by developing Bosch's brand amongst developers there and driving interest from top tech talent.
- Increased success rate of Bosch projects by joining worldwide board of experts to define baseline tech standards.

Service NSW | Product Engineer   **Jun. 2020 – Jun. 2021**

Australian Government agency building online transactions; 97% customer satisfaction rate   Sydney, Australia

Full Stack, React, Redux, JavaScript, Kotlin, Cloud Foundry, TDD, Pair Programming, Cross-Functional Teams

- Reduced error rates and wait times by 40% by converting a 28-page paper form to an online guided application.
- Delivered $250 million COVID-stimulus application two weeks after government announcement; selected by product manager to attend stakeholder-meetings, provide feasibility assessments and work on MVP with UX designer.
- Initiated and led cross-department API discussions; created OpenAPI spec to enable early testing before integration.
- Trained junior developers on lean and Extreme Programming practices as part of mentor program.

Clearbox Systems | Software Developer   **Oct. 2017 – Jun. 2020**

Australian industry leader in satellite-communications and EM-spectrum monitoring software   Sydney, Australia

Full Stack, Java, AngularJS, TypeScript, Kubernetes, Redis, Linux, MyBatis

- Delivered first production release of company's flagship "Foresight" product for monitoring & managing communications equipment (e.g. routers); used by military, government and commercial industries in Australia and 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   **Mar. 2016 – Nov. 2020**

- Bachelor of Engineering (Honours) in Software, minor in machine learning – GPA: 5.3/6
- Wisetech Global Junior Programming Prize for highest grade out of 500+ students in Applications Programming course

CentraleSupélec Institute of Engineering and Science, France   **Jun. 2019 – Jul. 2019**

- 1 of 10 students accepted into Artificial Intelligence course at prestigious French engineering school

PROJECTS

- **Shred Crew:** Tinder for skiers; a mobile app that allows users to message and find people on the mountain to build their own shred crew; *React Native, Express, AWS Lambda, DynamoDB, Expo*; Shred.WillSmithTE.com
- **Snow Tracker:** Automatically scrapes & polls various data sources to build snowfall database; compare snowfall data from past years and across resorts using interactive graphs; *React, Python, AWS Lambda, DynamoDB*; WillSmithTE.com/snow

TECHNOLOGIES

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

LANGUAGES

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

GitHub.com/WillSmithTE   **LinkedIn.com/in/WillSmithTE**