

Bill Song

Software engineer specialising in infrastructure and cloud engineering.

CALL
MADE
HOME
CAPTIVE_PORTAL

64 22 173 3469
norris@billsong.nz
Auckland, New Zealand
github.com/Billsong19
billsong.nz
linkedin.com/in/bill-song-812500113

Work Experience

Associate Infrastructure Engineer – Cloud Tooling Canva Feb 2023 – June 2024

â€¢ Implemented secure end-to-end reverse proxy access to Pinecone databases, extending in-house sshserver implementation and internal command line tool and interacting with internal micro-service via self-service to implement zero-trust authentication policy.

â€¢ Dramatically reduced operational overhead by contributing to ECS â†’ EKS migration of Teleport â†’ deployment in multi-region multi-account AWS environment.

â€¢ Reducing technical debt by contributing to Python Golang migration effort in internal command line tool.

Intern Infrastructure Engineer – Cloud Tooling Canva Nov 2021 – March 2022

â€¢ Introduced CI/CD Pipeline to internal browser extension used by 500 employees.

â€¢ Improved delivery workflow, 80% reduction in manual steps.

Teaching Assistant – Blockchain 752 University of Auckland May 2021 – November 2021

â€¢ Preparing course content for a inaugural post-graduate Blockchain course.

â€¢ Providing technical support for tutorials on blockchain technology via Amazon EC2 instances, and on blockchain platforms CENZZnet and TCS Quartz.

Education

University of Auckland Class of 2022

â€¢ BE(Hons), Software Engineering GPA 7.8/9 (A/A- Average)

â€¢ DipLang, French GPA 7.5/9 (A/A- Average)

Westlake Boys High School Class of 2018

â€¢ NZQA Outstanding Scholar Top 60 students in NZ, NZD\$15,000 awarded

â€¢ NZQA Scholarship Exams 1 Outstanding grade (top 0.3%)

8 Scholarship grades (top 3%)

Community Involvement

Online Administrator, Online Assistant University of Auckland Snowsports Club 2022–2023

â€¢ Fixed long-standing succession problem with UASC website, leveraged network to develop robust custom solution in collaboration with WDCC

Interests

â€¢ Snowboarding, Skateboarding, Music(Currently learning Harmonica), Photography

â€¢ 1st place Ngauruhoe Cup Slalom Race Snowboard Open 2022

â€¢ 2nd place Mt Ruapehu Photography Competition 2021

References available on request