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IDA **DE SMET**

F U L L S T A C K E N G I N E E R

An enthusiastic and driven software engineer with over 4 years professional experience in start-up environments. In the last two years I transitioned from the data space to a full stack web developer role and have not looked back. I am highly adaptable and a fast learner that is comfortable picking up new tech stacks and taking accountability. I am most proficient in Typescript, React and Python. I am looking to join a company with a lot of growth opportunities.

E D U C A T I O N

University of Auckland 2014-2019

McGill University, Montreal 2017

- Bachelor of Engineering, Software, First Class Honours
- Bachelor of Science, Psychology

T E C H S T A C K

- **Languages:** Python, C# .NET, TypeScript, JS, HTML, CSS, Bash
- **Web:** React (Material UI), Vue, GraphQL, REST, Django, Flask
- **Database:** Postgres, Mongo
- **Infrastructure as code:** Pulumi
- **Cloud:** AWS, S3, Azure
- **Testing:** Cypress, Jest, PyTest
- **Log/ Analytics:** DataDog, Sentry, Elasticsearch, Graphana, Tableau
- **Entry level at:** Angular, Golang, Kubernetes, Luigi

C E R T I F I E D

- **Standard First Aid CPR-C/ AED**
- **BC Serving It Right**

V O L U N T E E R

Mentor, Technovation for girls 2020

Web Admin, Uni Snow Club 2017

A W A R D S

- 2021 Top 1% Ironman 70.3
- 2017 Deans Honours List
- 2013 Rotary Scholarship
- 2012 Olympic Swim Trials

W O R K E X P E R I E N C E

FULL STACK ENGINEER @ JOYOUS   04.2022 - 05.2023

SaaS start-up building an employee feedback platform (Series A US $10.4M)

- Web developer producing high quality Typescript and React code to support millions of conversations from 100,000+ users in 40+ countries
- Comfortable applying large-scale changes, such as overhauling the logging infrastructure to Datadog by making AWs changes using Pulumi or upgrading node packages to remove 90% of known security concerns
- Deployed integrations with third party applications, such as Microsoft Teams chatbot with proactive installation to 10,000+ users
- Lead the technical analysis, scoping and delivery of projects, such as a campaign insights subset that automated 20% of an analyst's daily tasks
- Wrote technical documentation, such as the BCP plan
- Worked independently or in engineering crews of up to 6 people
- Onboarded and mentored new team members

DATA ENGINEER @ ROCKET LAB   10.2018 - 03.2022

SpaceX competitor rocket company (US $4.8 billion at IPO)

- Data processing for 21 flights, 1,000+ engine and 100+ component tests
- Developed a general-purpose Python ETL library, used by over 20 engineers across various teams to time-sync and analyse millions of data points from multiple sources
- Reduced the time of post-flight report generation from hours to minutes
- Active participant in fast-paced, high-priority, R&D work, such as hyper-curie testing for NASA's Mission to the Moon
- Owned and stabilised Propulsion's C# .NET WPF and Python data pipeline to 95% completion, and added end-to-end testing to cover 80% of their use cases
- Angular prototype development and data architecture design
- Agile development and previously scrum master of 8 team members

WEB DEVELOPER @ BROWN UNIVERSITY   10.2017 - 03.2019

WebGazer research project to infer gaze location within 100-200 screen pixels

- Implemented calibration, predictability metrics, and a moving average to reduce noise and maintained the open-source project

SOFTWARE INTERN @ TEKNIQUE   10.2016 - 03.2017