Blake Michalzik

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EDUCATION

British Columbia Institute of Technology   **Vancouver, Canada**

Diploma, Computer Science   *Jan 2020 – Jan 2022*

- Cloud Option (AWS, Azure): DevOps, Serverless Computing, and Microservices
- OOP with Programming structures (Java, Python)
- Internet Software Architecture (JS, HTML, CSS, Node, RESTful API, MongoDB)

RMIT University   **Melbourne, Australia**

Certificate IV of Aeroskills (Avionics)   *Jan 2015 – Sep 2016*

WORK EXPERIENCE

Pacific Eye Doctors   **Vancouver, Canada**

Solutions Architect   *Jun 2020 - Present*

- Research, develop and implement technical solutions for Pacific Eye Doctors.
- Ideate, Pitch, Implement, Maintain, and update Pacific Eye Doctors' internal Information Portal for business standard operation practices, significantly improving new hire training times and creating a reliable reference source.

Setu Technologies Inc   **Saanich, Canada**

Developer   *Sep 2021 - Dec 2021*

- Headed a team of 5 developers in Ideating, Designing, Developing, and Deploying a Web Application in 12 weeks.
- Met MVP requirements in 8 weeks, allowing for additional JWT security implementation and additional administrative CRUD features.
- Personally responsible for Node.JS RESTful API handling all server and database implementation.
- Maintained Cloud services and implemented CI/CD. Allowing for product uptime while fortnightly versions rolled out from a 2-week Sprint cycle.

AI for AI   **Burnaby, Canada**

Developer   *Apr 2021 - May 2021*

- Headed a team of 4 in Ideating, Designing, Developing, and Deploying an Application in 5 weeks as a trial project for a 115 billion-dollar company.
- Delivered a highly secure environment utilizing HTTPS, JWT, and Azure ID to ensure the Power BI dashboard is only accessible by a specified user.
- Managed a large cloud network to integrate ML containers, MySQL database, Web Application Server, and Power Bi.

Australian Army   **Melbourne, Australia**

Combat Engineer | Section Commander | Avionics Tech   *Apr 2008 - Aug 2018*

- Managed 12 personnel, a heavy leadership role providing guidance, knowledge, mentorship, and command.
- Managed a reconnaissance team to allow safe passage ahead for 200+ servicemen and $100M+ worth of equipment.
- Delivered day and night shift maintenance, with limited resources and time while ensuring the airworthiness of $32M Black Hawk helicopters.
- Identified and analyzed defects, either providing on-the-spot repairs or recommended remedial follow-up actions.

SKILLS & INTERESTS & VALUES

- Skills: Cloud Services (AWS and Azure), Pipelines (CI/CD, Testing), OOP (Java, Python), Frontend (JS, React, Tailwind), NoSQL and SQL Databases (MongoDB, SQL Server, MySQL), RESTful APIs (Node), Microsoft Office.
- Interests: Thought exercises, human longevity, photography, podcasts and working out.
- Values: Respect, for myself, my peers, my work, my company and our planet.