

Nathan Tingey

BUSINESS INTELLIGENCE DEVELOPER · SOFTWARE ENGINEER · APPLICATION ARCHITECT

Salt Lake City, Utah

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Summary

Professional Summary

INNOVATIVE SOFTWARE ENGINEER AND APPLICATION ARCHITECT WITH EXPERTISE IN FULL-STACK DEVELOPMENT, CLOUD INFRASTRUCTURE, AND ANALYTICS. EXPERIENCED IN DEVELOPING SaaS MVPs, AUTOMATING COMPLEX WORKFLOWS, AND DELIVERING HIGH-IMPACT DASHBOARDS IN FINTECH AND IT. ADEPT AT LEVERAGING MODERN TECHNOLOGIES LIKE PYTHON, FASTAPI, DOCKER/KUBERNETES, AND PLOTLY DASH TO DRIVE EFFICIENCY AND GROWTH.

Experience

Business Intelligence Developer and Software Engineer

Snap Finance

Feb 2023 - Present

- Created high-impact dashboards using Python for *A/B testing* and *product development*.
- Aided data scientists with technical support using *Apache Airflow*, *Posit Connect*, *Docker*, and *Kubernetes*.
- Built general-purpose *anomaly detection* for business operations, reducing manual workload.

Business Intelligence Developer (Intern)

Snap Finance

Feb 2022 - May 2022

- Developed *data-driven dashboards* using R and SQL to provide insights into business operations.
- Performed statistical analysis on transaction data, improving reporting and decision-making.

Independent SaaS Consultant

Freelance

2024 - Present

- Developed *SaaS MVPs* for clients, integrating cloud-based analytics and automation.
- Provided insights on improving complex systems, enhancing efficiency and performance.

PC LAN / Admin Intern

Autoliv

May 2021 - Aug 2021

- Provided technical support by installing, servicing, and repairing company hardware/software.
- Managed software through a client manager and operated within an Active Directory environment.
- Aided in a global IP configuration program, improving optimization and efficiency.

Web Accessibility Specialist

BYU Continuing Education

2018 - 2022

- Ensured web content *ADA and WCAG 2.1 AA compliance*, improving accessibility across platforms.
- Developed an automated LMS auditing tool in *C#* to streamline accessibility auditing processes, reducing *100+ hours of manual work to 2 minutes*.

Missionary (Volunteer for The Church of Jesus Christ of Latter-Day Saints)

Sydney, Australia

2015 - 2017

- Lived in Mandarin-speaking communities, achieving fluency in *Mandarin Chinese* while teaching and mentoring individuals.
- Provided *community service* and led outreach efforts, developing strong *cross-cultural communication skills*.

Skills

Programming Python, R, C#, Node.js, SQL, Vue, Nuxt

Data & Analytics dbt, Streamlit, Plotly Dash, SQL, A/B Testing

Cloud & DevOps Git, Docker, Kubernetes, CI/CD, API Development

Automation & AI Anomaly Detection, Machine Learning, Selenium

Networking TCP/IP, DNS, DHCP, VPN, Firewall Configuration, Network Security

Education

Brigham Young University

B.S. in Information Technology

- Relevant Coursework: Data Structures, Algorithms, Databases, Cybersecurity, Full-Stack Web Development, Calculus, Physics