

Ferdinand Haaben

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Summary

Highly skilled Full Stack Software Developer with 2 years of experience in building sophisticated web applications. Proficient in modern web frameworks such as Node.js, Django, Laravel, and Next.js. Experienced in software deployment through GitHub Actions and cloud services like DigitalOcean. Familiar with Linux and command line interface. Eager to learn more and use my skills to provide value.

Languages: English, German

Work Experience

Laravel Developer

Nerd North Inc

2024

Remote

[Laravel](#), [Tailwind](#), [Livewire](#), [AlpineJs](#), [MySQL](#)

- Designed and implemented backend architecture and database schema.
- Created a responsive front-end interface using Tailwind, Alpine.js, and Livewire.
- Conducted thorough testing and deployed the application to the production environment.
- Integrated multiple third-party APIs including Printful and Stripe for seamless operations.
- Managed the entire project lifecycle from requirements generation to final testing and deployment.

Network Traffic Analyst

Plume Design Inc

2023

Remote

[Python](#), [Pandas](#), [PySpark](#)

- Configured OpenWRT router with OpenVPN and tcpdump for secure and efficient network monitoring.
- Analyzed network packets using custom command-line tools and Wireshark.
- Wrote "signatures" in a custom language to accurately identify and classify network traffic patterns.
- Automated various processes through Python scripting, reducing manual workload.
- Performed big data analysis using Python Spark and Amazon S3 buckets to derive meaningful insights.

Junior Software Developer

Ocean Networks Canada

2022

Victoria, BC

[Java](#), [Javascript](#), [React](#), [PostgreSQL](#)

- Created and maintained automated UI tests using Selenium, ensuring robust front-end quality.
- Developed new features, requiring both front-end and backend development.
- Conducted thorough code reviews for team members, promoting high-quality code standards.

Education

Bachelor Of Science (Honors) – Computer Science

University Of British Columbia

2019 - 2024

Kelowna, BC

Diploma In Aircraft Maintenance Engineering

Northern Lights College

2015 - 2016

Dawson Creek, BC

Projects

Honors Thesis

University Of British Columbia

2023 - 2024

Kelowna, BC

[Typescript](#), [React](#), [PostgreSQL](#), [NextJs](#)

- Built an asynchronous question center that uses AI to help answer student questions.
- Implemented a feedback system for students to mark AI answers as helpful.
- Enabled teaching staff to review AI-generated answers.