

# NICK VO

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## SKILLS & INTERESTS

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**Tech Stack:** React, Node, JavaScript, Python, Java, C#, HTML/CSS, jQuery, Express, Rest API, Git, MongoDB, NextJS, WebFlow, Docker, GitHub Actions, Kubernetes, GraphQL, JEST, Firebase, PostgreSQL, OAuth 2.0.

**Interests:** Full Stack Development, Machine Learning, Blockchain, Web3, Security.

## EXPERIENCE

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### Sonical.ly

Software Developer

Remote

Sep 2022- Present

- Designed and developed a Webflow website natively in Node.js, incorporating enhancements to the upvote system functionality using Firebase functions, resulting in a 30% improvement in user experience.
- Implemented automated testing using Jest and Enzyme, resulting in a 70% reduction in regressions.
- Utilized PM2's load balancing capabilities to distribute traffic across multiple instances and improve performance, resulting in a 25% increase in request-handling capacity.
- Implemented WebSocket technology to improve real-time communication for our web application, resulting in a 50% decrease in latency and a 20% increase in concurrent users.

### UBC MINT BEST

Software Developer

UBC

Sep 2022- Present

- Designed and developed user interfaces for web applications (landing page, animated emoticon) using React, resulting in a 25% increase in overall user satisfaction.
- Designed the database schema and optimized queries using MongoDB's aggregation framework, resulting in a 75% improvement in response times.
- Assisted in the successful onboarding and development of 10 new team members, and as well as provided guidance in full stack development to new learners, resulting in a 50% increase in overall productivity.

### Move Electric Transportation

Software Developer

Remote

January 2022-April 2022

- Implemented load balancing in a Node.js environment using the Cluster module to improve the performance and scalability of the application, achieving a 30% increase in request-handling capacity.
- Demonstrated ability to quickly learn and utilize new technologies, including the Heroku CLI, to handle backend tasks and fetch data using APIs.
- Revamped the website layout and design to improve user experience, resulting in a 25% decrease in bounce rate and a 20% increase in time spent on the website.

## EDUCATION

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### University of British Columbia

BSc. Electrical and Computer Engineering

Canada

Class of 2023

- Completed coursework in software engineering, like Data Structures and Object-Oriented Programming.
- Experience with UML documentation, .NET development, and Agile/Scrum methodologies.

### Full-Stack Web Development

Full Stack Developer

Udemy

- Protected sensitive data using encryption and authentication protocols (e.g., hashing, salting, OAuth 2.0), resulting in a 95% compliance rate with industry standards.
- Implemented and maintained a CI/CD pipeline using GitHub Actions to automate the build, test, and deployment process for multiple applications, improving deployment speed by 50%.
- Utilized Kubernetes' autoscaling, self-healing, and zero downtime reload capabilities to ensure high availability and reliability, resulting in a 99.9% uptime rate.
- Improved performance and scalability through the optimization of PostgreSQL queries and the implementation of indexing strategies, resulting in a 50% reduction in response times.