

Justin Dhillon

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EXPERIENCE

Lead Software Engineer

Langley Pos-Abilities Society

September 2023 - Present, Langley, BC

- Lead team of 4 developers in delivery of full-stack application resulting in 150% increase in awareness and outreach.
- Created REST APIs using jQuery and Ajax, elevating data integration by 10% in existing code base.
- Employed JavaScript, Angular, and Bootstrap to oversee front-end development, catalyzing a 20% uptick in user organizational efficiency for 1000+ users.

Software Engineer Intern

Township of Langley

July 2022 - September 2023, Langley, BC

- Redesigned back-end using ASP.NET, estimated to save 20% in future development time.
- Created new SOAP API using .NET and C#, increasing performance by 10%.
- Established a system for code documentation, increasing code coverage by 300%.

PROJECTS

link-inspector

<https://github.com/justindhillon/link-inspector> • November 2023 - Present

- Enabled 500+ developers to increase productivity by automatically validating their code.
- Reduced customer frustration 21% by removing broken hyperlinks.
- Pioneered a groundbreaking TypeScript scheduler and algorithm, elevating performance by 900%.

ubcevents.com

<https://github.com/justindhillon/ubcevents> • September 2023 - November 2023

- Eliminated the disconnect between event coordinators and 10000+ UBC students.
- Designed front-end using Tailwindcss and React.
- Established robust database of 100+ posts using SQL and custom back-end API.
- Achieved 10% more users by administering Search Engine Optimization (SEO).

LEADERSHIP & EXTRACURRICULAR EXPERIENCE

Microsoft Github

Freelance Contributor • September 2023 - Present

- Repaired connection to broken database of 65000 samples in Google Tensorflow.
- Maintained documentation for Amazon's modular machine learning (ML) framework, PECOS.
- Audited 400000 lines of source code for the Harvard Research Lab website, Stellardnn.

nwHacks

Vancouver, BC • Team Lead • January 2024

- Lead team of 4 engineers develop an AI solution to indoor accessibility.
- Experimented with machine learning to direct the visually impaired to their destination.
- Facilitated the efficient distribution of responsibilities, resulting in 10% more code written then the industry average.

EDUCATION

Bachelors of Science in Computer Science

The University of British Columbia • Vancouver, BC • 2027

SKILLS

Languages: Java, TypeScript, JavaScript, SQL, Python, C#, C++, Golang

Frameworks: React, Redux, .NET, Flask, Three.js, JUnit, Chai, Mocha, Socket.io

Developer Tools: Git, AWS, GCP, Linux, Docker

Misc: Distributed Systems, Agile, MongoDB, PostgreSQL, DynamoDB (noSQL), Node.js