ANHAD GILL

SOFTWARE DEVELOPER

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anhadgill
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Skills

LANGUAGES
Javascript
HTML5
CSS3
Ruby
C
Python

FRAMEWORKS
Node.js
Express.js
Bootstrap
Rails
RSpec
Mocha

LIBRARIES
jQuery
React.js

DATABASES
SQL (knex)
PostgresSQL
MongoDB

Activities

Brazilian jiu-jitsu, chess, reading poetry, powerlifting, snowboarding, badminton

Summary

I am a science and a technology enthusiast. My academic background is in materials engineering and my love for programming made me focus entirely on learning to code after graduation. I have created several projects along the way utilizing Javascript (Node.js, React), Ruby (Rails) and PostgreSQL. What drives me is the ability to create quality software so I am eager to deepen my understanding and touch new areas of tech. Past employers have described me as **conscientious, a strong communicator and friendly**.

Projects

Chatty App — Apr 2018
A single-page chat application, Chatty allows multiple users to connect and chat with each other in real time.
Built using ReactJS, JSX, ES6, Express, Webpack, Babel, WebSockets, Node, and HTML/CSS/SASS.

Where's The Fun? Decision Maker — Apr 2018
The WTF Decision Maker is a web app that uses ranked voting to help groups of friends make decisions.
Combining user-focused, front-end development with back-end application, server, and database software, this project utilizes HTML, CSS, SASS, JS, jQuery, AJAX, Node, Express, PostgreSQL, and Knex.js.

Tweeter — Mar 2018
Tweeter is a single-page Twitter app. It uses HTML, CSS, JS, jQuery and AJAX on the front-end and Node, Express and MongoDB on the back-end.

Transistor Stress Simulation — Sep 2016 to Dec 2016
Improved the performance of transistors by applying stress and simulating it in TSUPREM4, which is an industry standard software used in companies like Intel and IBM.
Presented the final results with a team and wrote a 20-page report on the same.

Mathematical and Physical Modelling of Materials — Sep 2015 to Dec 2015
Created more than 50 spreadsheets and coded utilizing VBA for development of static and dynamic models in steel manufacturing.
Gained the skillset of sorting unorganized data and extrapolating for future prediction.

Employment

JFE Steel — Fukuyama, Japan
Engineering Intern — May 2015 to Aug 2015
Problem solved for testing and analysis of high strength steel used for manufacturing outer body parts in Automotive industry.
Read numerous research papers to understand the process and formulated a new procedure to do microstructure analysis that helped reduce time by one third, making results more accurate and easily replicable.

EVRAZ North America — Regina, SK
Process and Development Intern — Sep 2014 to Apr 2015
Conducted failure investigations with other engineers on different aspects of operations including steelmaking, casting, rolling, pipe forming and welding.

UBC Jump Start — Vancouver, BC
Academic Coach — Aug 2013 to Apr 2014
Facilitated more than a dozen group coaching sessions by acting as a mentor for more than 1000 students where I spoke on various academic and student life related topics to make new incoming students familiar with university life.

Education

University of British Columbia
Bachelor of Applied Sciences - Materials Engineering 2017

Lighthouse Labs
Web Development Bootcamp 2018

Volunteering

Ladies Learning Code · Mentor — May 2017
Vancouver, BC
Mentored at a beginner-friendly workshop for ladies who want to learn computer programming and other technical skills in a social, collaborative way