

ARMAAN SINGH KLAIR

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SUMMARY

- Experience in developing single-page, service-based web apps using React, Java2E, PHP, Laravel and Spring JPA
- Experience developing web apps end-to-end from client interviews, design documents to the final product (SDLC)
- Passion for researching new tools to optimize code
- Passion for aesthetics and seamless UI with great UX

PROJECTS

Data Analytics Dashboard (React) with Express backend (API)

Live: <https://armaansinghklair.github.io/data-analytics-spa-dashboard/>

Code: <https://github.com/ArmaanSinghKlair/data-analytics-spa-dashboard>

React, Express, Fuse.js, Axios, Moment, HTML, CSS, MySQL

Contains real-time dynamic line-charts, pie charts and **researched** google maps with markers of differing colors depending upon the intensity. React adds fluidity and makes requests in the backend

PORTFOLIO in Laravel (PHP), MySQL

Live: <https://armaansinghklair.github.io/Sorting-Visualizer/sorting-visualizer/build/>

Code: <https://github.com/ArmaanSinghKlair/Sorting-Visualizer>

This project adopts an MVC structure in Laravel framework and uses the eloquent model for creating resourceful controllers for models. I modelled a one-many relationship between a user(me) and projects which made querying the database easier.

Sorting Visualizer (React)

Live: <http://armaan-klair-portfolio.herokuapp.com/>

Code: <https://github.com/ArmaanSinghKlair/portfolio>

This project has React visualizations of sorting algorithms with controls for speed and size of dataset. Project involved efficient use of components and figuring out how to animate actual algorithms. (I stored snapshots of every step)

Basement Finding/Advertising online platform in JAVA (API)

Demo: <https://www.linkedin.com/feed/update/urn:li:activity:6753952055389499392/>

Code: <https://github.com/ArmaanSinghKlair/basement-finder-prototype>

Java EE, JPA, React, Axios, JSP, Google maps API, REST API, JPQL

Enables users to search, list basements with **visual** results on an **interactive** map including images. Involved digging deep and researching the google maps API.

EXPERIENCE

May 2020 → Present

Liquor Store Clerk: Bottoms Up Liquor Store, Calgary

Feb 2020 → May 2020

Crew Member: McDonalds' Falcon ridge, Calgary

Apr 2019 → Dec 2019

IELTS instructor: Rudra Academy, Sangrur, Punjab, India

URLS

- PORTFOLIO
(Laravel/Responsive/MySQL)
<http://armaan-klair-portfolio.herokuapp.com/>
- GITHUB
<https://github.com/armaansinghklair/>
- LINKEDIN:
<https://www.linkedin.com/in/armaan-singh-klair/>

EDUCATION

IT (Software Development) 2-year Diploma

Jan 2020 → Present – **SAIT, Calgary**
3.9 out of 4 - GPA - Training of SDLC, Linux, Java, SQL, PHP, HTML, CSS, JS, React, Networks, OS, basic DB Administration, OOP, **MVC** web applications

High School Diploma

2013 → 2019 - Pinegrove School, HP, India

95% - Grade 12 -Residential boarding school situated in hills of Himachal Pradesh, India. Ranked **one of the top 10** boarding schools in India by EducationToday

KEY SKILLS

- Html5, Css3, SASS, React, Js, Json, Laravel, Relational Databases, SDLC
- Java, Java2E, PHP, Java EE, SQL, JPA, Junit, UX, Server-Side, Rest
- Linux, Bash, Rest, Scrum, MySQL/MariaDB, Junit Tests, Unit Testing, CSS, Sass, JavaScript, Agile, QA, Amp