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| **BOPHAL “BO” SIN** | Seattle, WA | (510) 304-2685  [bosin98117@gmail.com](mailto:bosin98117@gmail.com) |

**SUMMARY**

As a recent full stack software developer graduate from Coding Dojo with a 4-year Computer Science degree, I am excited to tackle problems related to code. My time at Coding Dojo provided me with the hands-on experience with object-oriented programming (OOP) using Java (Springboot) as well as full stack development in Python (Django) and React (MERN). Seeking a position where I can utilize my skills to solve real-world problems while effectively communicating within a team environment.

**EDUCATION**

**CODING DOJO** - Full Stack Software Development Sep 2021 | Seattle WA

* 32 weeks intensive coding bootcamp: 1000+ hrs of full stack web development
* “Red Belt” achievement of Java (SpringBoot), Python (Django), MERN (React) full stacks

**CHAMPLAIN COLLEGE** - Bachelor of Science Software Development   Aug 2020 | Burlington VT

* **Relevant Course:** C++, Java

**TECHNICAL SKILLS**

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| **LANGUAGES: Python, JavaScript (ES6), HTML5/CSS, Java, C++, Java, Python**  **DATABASES: MySQL, MongoDB** | **FRAMEWORK/LIBRARIES: Node.js, React, Express, CSS, SASS**  **VERSION CONTROL: Git, GitHub** |

**SOFTWARE PROJECTS**

**WORLD OF BBQ APP  | GITHUB DEMO**  **TECHSTACK:** React, Node.js, MongoDB

*A bbq site inspired by the annual Best in The West Nugget Rib Cook-Off in Sparks, NV, United States.*

* Built a full-stack web app to enable novice barbeque users to be able to create tasty meals with step-by-step instructions and recipes.
* Utilized Postman to verify creation of user profiles.
* Implemented MongoDb to keep a database of all the users as well as allow users to share their recipes and techniques of their cookout.
* Incorporated protected routes with JSON web tokens to allow the logged in user to edit or delete their recipe that was shared.

**Albums APP**

*An application that generates usernames, albums, and photos.*

* Implemented async thunk functions to generate usernames, albums, and photos from the @faker library.
* Utilized Redux-ToolKit Query to fetch data including users, albums, and photos with the use of RTK tags to fetch data and render them automatically.
* Included tailwind CSS to create a visually appealing application.
* Implemented JSON server to persist data.

**FLAVR APP**

*Full stack application equipped with a login page where users can share their favorite meals with recipes.*

* Login screen for users to create their profile.
* Implemented MongoDB which maps recipes to the user who entered it.
* Utilized JSON web tokens which enabled protected routes for each logged in user.

**NATOURS\_CSS\_SASS**

*An app the allows users to book nature tours online.*

* Advanced responsive design: media queries, mobile-first vs desktop-first.
* Distinguished between EM vs REM units
* Utilized SVG images and videos in HTML and CSS to build a background video effect.
* Advanced CSS animations with @keyframes, animation, and transition.

**Trillo**

*A hotel booking website.*

* CSS Grid Layouts
* Applied flexbox layouts to with advanced positioning techniques.
* Incorporated media queries to test for different screen widths, pixel densities, and touch capabilities.
* Differentiated between mobile-first vs desktop-first strategies.

**WORK HISTORY**

**JAI Inc.** - Senior Electronics Technician           May 2003 to Oct 2016 | San Jose, CA

Documented errors in product line.

Interpreted blueprints and assembly instructions.

Performed quality control checks on products prior to shipping to customers.

Implemented drawing revisions based on drawing markups provided by engineers.

Worked with machine shops, vendors, and sales representatives to complete projects on time.

Repaired systems when required and provided technical support.

Ensured product performance consistency in different operating conditions.

Met deadlines and requirements for production work orders.

**ADDITIONAL EXPERIENCES**

* **Quanta Computers** – Hewlett Packard Notebook Technician Apr 2002 to May 2003 | Fremont, CA
* **Fry’s Electronics** – Computer Service Department Manager                         Nov 2000 to Feb 2002 | Fremont, CA