# Bay Grove

Software Engineer

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## PROFESSIONAL SUMMARY

Dedicated software engineer with four years of experience specializing in JavaScript and frontend web development. Experienced in building full-stack applications using Node.js - Express.js and Java - Spring Boot with the proven ability to deliver high-quality software solutions with a passion for mentoring, pair programming, and initiating study groups.

## TECHNICAL SKILLS

**Frontend**: JavaScript, TypeScript, React, Redux, HTML, CSS, Styled-Components, Material UI, TailwindCSS, Bootstrap, StoryBook, Responsive Design, WCAG Accessibility
**Backend**: Java, Spring Boot, Hibernate, Node.js, Express.js, REST, MVC, MySQL, MongoDB
**Testing**: Jest, React Testing Library, Cypress, JUnit

## WORK EXPERIENCE

**Frontend Engineer II,** Mark43 (Remote - New York, NY)                                      *May 2021 - Oct 2023*
- Enhanced frontend application state and user interface using **React**, **Redux**, **TypeScript**, and **Styled-Components** within Computer Aided Dispatch (CAD) for 911 dispatchers and first responders..
- Optimized location classification workflows, resulting in **74% reduction in internal API calls**.
- Implemented a mobile-responsive dashboard, achieving **98% code coverage** of unit testing.
- Developed 'Be On the Lookout' (BOLO) feature, enabling the creation, updating, and deactivation of BOLO events through extensive forms and validations using **React Hook Form** and **Yup**.
- Daily reviewed Pull Requests and provided constructive feedback to other software engineers.

**Frontend Web Developer,** Baltimore Corps (Hybrid - Baltimore, MD)                    *Aug 2019 - Dec 2020*
- Developed the UI for the applicant tracking system using **React**, **Redux**, and **Material UI** to ensure a user-friendly and intuitive interface
- Collaborated closely with stakeholders, transforming their pain points, needs, and requirements into effective **UX/UI designs**, resulting in improved user experiences
- **Designed API schemas** for new endpoints, optimizing data retrieval and enhancing system functionality
- Provided **customer support** by promptly addressing emails, resolving issues, and ensuring customer satisfaction

## PROJECT

**Coding Resources**  *(Java, Spring Boot MVC, JSP, JSTL, JPA, Hibernate, MySQL, Bootstrap)*
This application allows users to search for various programming resources, add them to their personal list, and keep track of valuable learning materials. Helping developers and learners find and manage coding resources efficiently.

## EDUCATION

**Full Stack Java Development Training  (Java, Spring Boot, Hibernate, MVC, MySQL)**       *Aug 2024*
*Per Scholas (Remote - Bronx, NY)*
**Computer Science classes (OOP, Java, and Python)**                                                          *Dec 2017*
*Community College of Baltimore County (Baltimore, MD)*
**B.A. in English for International Communications**                                                            *Mar 2011*
*Rajamangala University of Technology Phra Nakhon (Bangkok, Thailand)*

## CERTIFICATIONS

JavaScript Algorithms and Data Structures - freeCodeCamp
React (Basic) - HackerRank

## VOLUNTEER EXPERIENCE

**Speaker**, Women Who Code DC's Lunch and Leet                                                      *Nov 2023*
Presented step-by-step problem-solving techniques and provided a hands-on problem-solving session on LeetCode, introducing the application of the two-pointer technique.
**Facilitator**, Girls Who Code Baltimore                                                              *Mar 2018 - Feb 2020*
Guided and mentored girls ranging from grades 6-12, in learning the fundamentals of programming and web development, and also fostering their skills and passion for technology.