

# Kyle O'Dore

Multi-Cultural, Proficient, Analytical, Collaborative, Efficient

in /kodore  
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## 📅 Experience

### Software Engineer

Jan 2022 – Present

SAP SuccessFactors/SAP Labs US.

Palo Alto, CA

- Enhanced SuccessFactors CPM product, co-led API migration to OData V4, and improved service stability through targeted development and bug resolution.
- Key contributor to backend development for LADS, achieving nearly 100% unit test coverage and integrating Redis Cluster for caching.
- Managed high-impact features like DeepLinks and I18n Labels, supporting a high-traffic application with 4500+ customers (ca. 2023)
- Expanded skills in Kubernetes, Kafka, and other technologies; engaged with the SAP community through the SAP Next Talent (SNT) Social Committee.
- Developed and optimized backend microservices for Expense Configuration and List Management within Concur Travel and Expense, utilizing Java, Spring, and AWS job scheduling to enhance performance, automate processes, and improve system reliability.

### Java Developer - TRACK Engineer

Jul. 2021 – Dec. 2021

General Motors

Warren, MI

- Developed and optimized a microservice for testing Notification Platform 2.0 using Java, Spring, and Apache Kafka, improving testing efficiency and reliability.
- Implemented comprehensive end-to-end test scenarios and Spring Batch processing, ensuring robust and recoverable regression tests, which enhanced platform stability and reduced downtime.
- Spearheaded the creation of transactional test runs, significantly increasing the reliability of test results and facilitating quicker identification of issues.

## 🎓 Education

### B.S. Computer Science and Software Engineering

Graduated: June 2021

University of Washington Bothell

Bothell, WA

- Notable Coursework: CSS 310 (Information Assurance and Cybersecurity), 370 (Analysis & Design), 430 (Operating Systems), 422 (Hardware and Computer Organization), 432 (Networking), and 480 (Human Computer Interaction), and CSE 414 (Databases). In-Progress classes, CSS 427 (Intro to Embedded Systems) and 434 (Parallel & Distributed Computing).

## 🔧 Projects

### HuskyMaps

- A program akin to Google Maps. Designed and implemented a min-heap, which then was used to implement an A\* Search algorithm. Finally, a self-implemented k-d tree was employed to generate the shortest path between two spots on the map, this k-d tree utilized the previously implemented A\* Search algorithm.

### kyleodore.dev

- My personal responsive website documenting my experience and projects that is portable across multiple devices. Designed following standards outlined in Google's Material Design Language to look great on any size device.

### Durn Bus Away

- An application built using Electron for RaspberryPi with an attached screen that will display times for incoming busses to a defined bus stop.

## ⚙ Skills

**Languages and Technologies** Java, Python, C++, PHP, JavaScript, TypeScript, Bash, SCSS, HTML, CSS, jQuery, MatLab, R  
**Technologies** Git, Jenkins, Docker, Splunk, Azure, AWS, Jira, Spring Boot, Node.js, Express, React, Visual Studio (Code), IntelliJ, Pug, Eclipse  
**Databases** SQL, HanaDB, ibatis/mybatis, MySQL, MariaDB, SQL Server (with Azure), SQLite, Amazon EC2, SQL++  
**Able to Speak** English (Native Speaker) and Vietnamese (Professional Level)  
**Interests/Hobbies** Sailing, Reading (Sci-Fi/Mystery), 3D Printing, Video Games