

# Kyle O'Dore

Multi-Cultural, Proficient, Analytical, Collaborative, Efficient

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## Summary

- Software Engineer with 4 years of experience designing scalable microservice-based backend systems and REST APIs. Proven expertise in Java, Spring Boot, and DevOps practices. Experienced in Agile development methodologies with a focus on high-quality, secure, and performant cloud solutions. Fluent in English and Professional in Vietnamese.

## Experience

### Software Engineer

May 2022 – Present

SAP SuccessFactors

Palo Alto, CA

- > Developed and optimized Java/Spring Boot microservice (the Learning Asset Delivery Service), handling 52M daily API requests across 4500+ customers.
- > Implemented robust REST API design patterns following industry best practices and company standards.
- > Achieved nearly 100% unit test coverage across 140K+ lines of code, ensuring system reliability and maintainability within the CI/CD pipeline.
- > Actively participated in Agile development using SCRUM methodologies, including daily standups, sprint planning, and retrospectives.
- > Improved Continuous Performance Management product stability and led API migration to OData V4 including publishing APIs publicly.

### SAP Next Talent - Developer

Jan. 2022 – May 2022

SAP Labs US.

Palo Alto, CA

- > Architected a deployment-listener microservice in Node.js for New Relic integration
- > Enhanced backend services for Concur Travel and Expense using Spring Boot and AWS.

## 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

- > Implemented a navigation system using A\* Search and a custom k-d tree for shortest path calculations.
- > Delivered an efficient and scalable algorithmic solution for real-world mapping challenges.

### kyleodore.dev

- > Developed a responsive website to showcase professional experience and projects, adhering to Google's Material Design Language.

### Durn Bus Away

- > Built an app with the OneBusAway API and Electron to display real-time bus schedules on Raspberry Pi screens.

## Skills & Interests

### Technical Skills

- > **Core Technologies:** Java, Spring Boot, Microservices Architecture, REST APIs
- > **Messaging & Data:** Kafka, SQL (MySQL, SQLite, MariaDB)
- > **Cloud & Development Tools:** Kubernetes, Docker, Git, Jenkins, CI/CD pipelines, Splunk
- > **Other:** Agile/SCRUM, DevOps, I18n, Accessibility

### Interests & Hobbies

- > Cooking, Sailing, Sci-Fi/Mystery Reading, 3D Printing, Video Games
- > Continuously exploring innovative AI applications and human-machine collaboration paradigms.

🍷 Always in search of my Anton Ego moment