

# PHUONG(TREVOR) TRAN

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## SUMMARY

Results-driven software developer with years of experience programming in object-oriented, scripting and application development. Hands-on experience working with UI/UX design and SQL databases, AWS cloud technologies and micro-service-based architecture. Adept at implementing industry best practices to build scalable, maintainable, and high-performing applications. Proven ability to deliver projects from system design concept to implementation, testing and deployment of the products, going through full software development lifecycles.

## TECHNICAL SKILLS

**Languages:** Java, C/C++, Python, C#, SQL, NoSQL, Go, JavaScript, HTML, CSS  
**Frameworks & Libraries:** Junit, Jest, Spring, React, React Native, Material-UI, Bootstrap, ExpressJS, Socket.IO  
**Databases:** MySQL, DynamoDB, SQL Server on Azure, SQLite  
**Tools & Platforms:** AWS Cloud Technologies, Kubernetes/ECS, Hibernate, Maven, Apache  
**SW Development Methods:** Scrum, Agile, Test-Driven Development (TDD), End-to-End Testing  
**Version Control Systems:** Git, Gitlab, Github, AWS CodeCommit  
**Operating System:** Window, Unix/Linux, MacOS

## EXPERIENCE

**Hajo**, Newcastle, Washington June 2022 - May 2023  
*Software Engineer*

- Developed fault-tolerant and scalable microservices, reliably integrating with internal cloud infrastructure.
- Established robust testing and integration environments for comprehensive evaluation and debugging, ensuring adherence to rigorous software development lifecycle standards for high-quality application.
- Utilized Agile for updates, sprint planning, and task prioritization, ensuring the team on track with timelines.

**Xemelgo**, Bellevue, Washington Oct. 2019 – Mar. 2020  
*Software Engineer Intern*

- Led a team to develop "Job Tracking" feature from concept through implementation to launch.
- Drove backend development on AWS, utilizing DynamoDB, RESTful APIs, and Serverless Framework.
- Ensured codebase reliability by crafting unit tests with Jest for JavaScript codebases and Postman for RESTful API assessments, alongside validating frontend compatibility on Android and iOS simulators.

## PROJECTS

**Stock Comparator** Feb. 2024 - Present  
*Web Development*

- Developed a stock comparison tool by analyzing historical data, integrating a MySQL caching mechanism.
- Designed and implemented RESTful APIs, enabling querying data and an autocomplete for stock ticker searches.
- Applied Object Oriented Design and SOLID principles for improving maintainability, scalability, and reliability.

**Portfolio Website** Dec. 2023 – Feb. 2024  
*Web Development* | URL: <https://trevortran.com>

- Leveraged AWS for secure, scalability with features like auto-scaling and load balancing to optimize performance.
- Automated EC2 setup, ensured code quality with Jest, and launched a CI/CD pipeline for zero-downtime updates.
- Adopted CloudWatch for monitoring and visualization of metrics, enhancing system visibility, and utilized S3 for logging user requests, facilitating efficient issue resolution and performance optimization.

**Collaborative Whiteboard** Dec. 2023 – Feb. 2024  
*Web Development* | URL: <https://trevortran.com/whiteboard>

- Created a real-time collaborative whiteboard to foster innovative teamwork and enhance remote collaboration.
- Utilized React to boost rendering efficiency; optimized WebSocket data transmission for enhanced performance.

## EDUCATION

**Per Scholas**, Seattle, Washington 2023 – 2024  
*Full Stack Java Developer*

**University of Washington (UW)**, Seattle, Washington 2018 – 2020  
*Bachelor of Computer Science*

## CERTIFICATIONS

**AWS Certified Developer - Associate** Apr. 2023

**Meta Front-End Developer** Apr. 2024