PHUONG(TREVOR) TRAN

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SUMMARY

Results-driven software developer with hands-on experience across front-end & back-end development, and technology integration. Adept at implementing industry best practices to build scalable, maintainable, and high-performing web applications. Proven ability to deliver projects from concept to completion.

TECHNICAL SKILLS

Front End:	React, React Native, Javascript, HTML, CSS, REST APIs, Bootstrap, Material-UI
Back End:	Java, MySQL, NodeJS, ExpressJS, Maven, Spring, Spring Boot, Hibernate, Socket.IO
Testing/Deployment:	Jest, JUnit, Github Actions, Apache, AWS (EC2, CodeBuild, CodeDeploy, S3)
Developer Tools:	Bash, Git, Github, Gitlab, Agile Methodology, TDD

EDUCATION

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

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

EXPERIENCE

Hajo, Newcastle, Washington　　　　　　　　　　　　　　　　　　June 2022 - May 2023
Software Engineer
- Developed fault-tolerant and scalable microservices, seamlessly integrating internal cloud infrastructure.
- Set up environments to conduct comprehensive testing, integration, and debugging.
- Communicated changes, timeline estimates, and prioritized tasks to keep the team informed and on track.

Xemelgo, Bellevue, Washington　　　　　　　　　　　　　　　　Oct. 2019 – Mar. 2020
Software Engineer Intern
- Led a team to develop "Job Tracking," a feature for accurately estimating labor hours per work order.
- Spearheaded backend development on AWS, utilizing DynamoDB, RESTful APIs, and Serverless for efficient Lambda Functions deployment; contributed to frontend development with React for an intuitive UI.
- Ensured codebase reliability and correctness by implementing Jest unit tests and verifying frontend compatibility.

PROJECTS

Stock Comparator　　　　　　　　　　　　　　　　　　　　　　Feb. 2024 - Present
Web Development
- Developed a stock comparison tool by analyzing historical data, integrating a MySQL caching mechanism to optimize data retrieval from Alpha Vantage, enhancing performance.
- Applied OOP and MVC patterns for code organization, improving the tool's maintainability and scalability, and ensured reliability through comprehensive testing.
- Utilized Spring Boot to accelerate application development, Spring Data JPA for efficient database interaction, and Hibernate for seamless object-relational mapping.

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.
- Achieved significant site visibility and performance through SEO optimization, reaching over 1000 daily requests.
- Automated EC2 setup, ensured code quality with Jest, and launched a CI/CD pipeline for zero-downtime updates.

Collaborative Whiteboard　　　　　　　　　　　　　　　　　　Dec. 2023 – Feb. 2024
Web Development | URL: https://trevortran.com/whiteboard
- Developed a real-time collaborative whiteboard to improve remote team collaboration and idea visualization.
- Optimized user experience and efficiency with HTML, CSS, JavaScript, ReactJS, and data transfer optimizations.
- Enabled seamless cross-platform collaboration using Socket.IO for real-time, bidirectional communication.

CERTIFICATIONS

AWS Certified Developer - Associate　　　　　　　　　　　　　　　　　　Apr. 2023

Meta Front-End Developer　　　　　　　　　　　　　　　　　　　　　　Apr. 2024