Joshua Zehms

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SUMMARY

Experienced software engineer with a strong background in frontend development, skilled in JavaScript, React, AWS, Java, HTML, CSS, and Spring Boot. Adept at creating intuitive user interfaces and developing scalable, high-performance applications. Focused on delivering efficient, reliable systems and continuously adapting to new technologies to stay ahead of industry trends.

EMPLOYMENT HISTORY

Software Engineer II
DHI Group Inc. (www.dice.com)   **June 2023 – January 2025, Remote**

- Tasked with modernizing the company's web interface, I designed and implemented over 100 dynamic web applications and components using JavaScript, React, HTML, CSS, and AWS Lambda, leading to a significantly improved UI and contributing to a 20% increase in user satisfaction scores

- Faced with slow performance and declining user interaction on a core platform feature, I optimized React components and streamlined HTML/CSS structure to improve rendering efficiency. This effort reduced page load times by 40%, improved Core Web Vitals scores, and boosted user engagement.
- Partnered with Product Management to identify engagement bottlenecks on key features, coordinated efforts via JIRA and Git, and delivered improvements that resulted in a 15% increase in user engagement.
- Faced with frequent deployment slowdowns and scaling issues, I architected a microservices solution using Docker, Kubernetes, and RESTful APIs, which improved system scalability by 50% and cut deployment times by 30%, significantly boosting system reliability and deployment speed.
- Streamlined front-end development workflows by integrating AWS Lambda into client-side logic for dynamic content handling, enhancing responsiveness and reducing latency during high-traffic periods.

Associate Software Engineer
DHI Group Inc.   **February 2022 - June 2023, Las Vegas, United States**

- In response to low interaction rates on the legacy platform, I modernized front-end code using HTML5, CSS3, and JavaScript libraries like React, resulting in a 30% increase in user interaction.

- Tasked with reducing long-term maintenance overhead, I implemented modular programming principles to restructure the front-end architecture, resulting in a 25% reduction in technical debt and easier onboarding for new developers.
- Collaborated closely with product managers to streamline the integration of dynamic content into the front end using Agile methodologies, which led to a 20% increase in deployment efficiency and faster iteration cycles.
- Introduced and enforced front-end development best practices, including code reviews and component-based design, to improve overall UX quality and increase interaction rates across the platform.
- Worked cross-functionally with QA, DevOps, and back-end teams to ensure smooth deployment of integrated content and redesigned code architecture, leading to fewer post-deployment issues and higher overall platform stability.

Junior Software Engineer
Shaw Industries   **January 2022 - February 2022,**

- Led enhancements to a legacy Java backend framework to address performance inefficiencies, resulting in a 21% increase in input processing speed and smoother data workflows for key business functions.

- Formulated and implemented structured backend frameworks using advanced development tools, which strengthened codebase robustness and reduced production bugs by 18%, improving overall system stability.
- Integrated automated testing into the CI/CD pipeline, accelerating sprint completion rates by 15% and enhancing delivery speed without compromising code quality.
- Collaborated with QA and DevOps teams to identify performance bottlenecks in backend workflows, then delivered targeted Java-based optimizations that reduced error rates in staging by 20% and improved deployment confidence.

Software Engineer Apprentice
ACS Technologies   **November 2021 - January 2022,**

- Engineered a custom C# console application leveraging Selenium to automate webpage screenshot capture, saving QA teams hours of manual testing each week.

- Implemented Datadog instrumentation across key systems to enable real-time error monitoring, reducing average issue resolution time by 40%.
- Integrated Slack-based automated notifications into DevOps workflows, streamlining team communication and enabling faster response to deployment issues.

- Proactively identified and diagnosed recurring software issues using analytical debugging techniques, which led to an 18% reduction in post-deployment bug reports.

Operations Manager
United States Air Force   **June 2020 - October 2021,**
- Directed logistics operations for a $225M global supply chain, coordinating the movement of cargo and personnel while ensuring mission-critical readiness.
- Managed and mentored an 80-person logistics team, improving operational efficiency through leadership, resource planning, and streamlined workflows.
- Implemented innovative cost-saving measures and lean logistics strategies, increasing department efficiency by 62% while maintaining service quality.

Training Manager
United States Air Force   **September 2018 - June 2020,**
- Supervised a 12-member transportation dispatch unit, ensuring consistent day-to-day operations and mission readiness across regional bases.
- Developed and deployed a new evaluation framework to assess training program effectiveness, leading to improved performance tracking and instructional improvements.
- Oversaw scheduling and compliance tracking for the training of 80+ personnel, ensuring certifications were up-to-date and mission-aligned.

EDUCATION

Bachelor of Science in Computer Software Technology
The University of Arizona Global Campus • May 2023

SKILLS

Programming & Development: Java, JavaScript, React.js, HTML, CSS, Bootstrap

Cloud & DevOps: AWS, Docker, Jenkins

Frameworks & Tools: Apache, Maven, Figma, Jira, Bitbucket

Database & Optimization: SQL, SEO, RESTful APIs

Testing: Selenium, Test-first/Test Driven Development (TDD)

Other Skills: Git, Object Oriented Programming (OOP), Sprint Planning, Problem-Solving, Content Management Systems (CMS)