

# Joshua Zehms

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## SUMMARY

Experienced software engineer with a proven track record of delivering innovative and efficient solutions. Enhanced user engagement by 30% through intuitive user interfaces and data-driven design while boosting system performance via optimized queries, caching strategies, and API improvements. Skilled in developing scalable, high-performance applications, achieving faster deployment and improved architecture. Proficient in JavaScript, React, AWS, Java, HTML, CSS, and Spring Boot, with a strong focus on impactful user experiences and reliable systems. Eager to embrace new technologies and adapt to industry advancements to drive exceptional results.

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## EMPLOYMENT HISTORY

### Software Engineer II

DHI Group Inc. ([www.dice.com](https://www.dice.com))

June 2023 – January 2025, Remote

- Designed, created, and implemented over 100 dynamic web applications and components using JavaScript, React, HTML, CSS, and AWS Lambda to enhance functionality and user experience.

- Collaborated with Product Management, leading to a 15% uptick in user engagement within three months, while efficiently utilizing JIRA and Git for streamlined project coordination.
- Engineered a scalable microservices architecture using Docker, Kubernetes, and RESTful APIs to boost system scalability by 50% and reduce deployment times by 30%, leading to improved system reliability and faster time-to-market.
- Created and implemented RESTful APIs using Java and Spring Boot to improve data retrieval efficiency by 35%, resulting in faster response times and enhanced user experience across the platform.

### Associate Software Engineer

DHI Group Inc.

February 2022 - June 2023, Las Vegas, United States

- Employed HTML5, CSS3, and modern JavaScript libraries to enhance user experience, driving a 30% rise in interaction rates.

- Designed improved code architecture using modular programming, leading to enhanced maintainability and a 25% reduction in technical debt.
- Partnered with product managers to streamline content integration using Agile methodologies, resulting in a 20% increase in deployment efficiency.
- Implemented front-end development best practices to improve user experience and drive interaction rates.
- Collaborated with cross-functional teams to ensure efficient deployment of integrated content and code architecture.

### Junior Software Engineer

Shaw Industries

January 2022 - February 2022,

- Led backend framework enhancements with Java, increasing input speed by 21%

- Developed structured frameworks with advanced tools to enhance robustness and decrease bugs by 18%
- Enabled automated testing integration, accelerating sprint completions by 15%
- Spearheaded backend framework enhancements with Java, achieving a 21% increase in input speed
- Formulated structured frameworks with cutting-edge tools, promoting robustness and reducing bugs by 18%
- Facilitated automated testing integration, which further expedited sprint completions by 15%

### Software Engineer Apprentice

ACS Technologies

November 2021 - January 2022,

- Engineered C# console application with Selenium for webpage screenshot automation

- Deployed Datadog instrumentation for continuous error monitoring
- Integrated automated Slack notifications for enhanced DevOps communication
- Diagnosed and fixed software issues through analytical methods
- Boosted efficiency by 40% through automation
- Enabled 40% faster issue resolution with Datadog instrumentation
- Achieved 20% decrease in bug reports through software issue diagnosis

### Operations Manager

United States Air Force

June 2020 - October 2021,

- Oversaw \$225M supply chain, cargo, and personnel operations

- Managed and led a team of 80
- Implemented cost-cutting measures, boosting department efficiency by 62%
- Spearheaded contactless rental program adopted by 20 military bases
- Successfully navigated pandemic challenges to optimize revenue

**Training Manager**  
**United States Air Force**

September 2018 - June 2020,

- Supervised a 12-member transportation dispatch team, ensuring seamless daily operations.
- Developed a comprehensive evaluation system to measure training effectiveness.
- Oversaw the scheduling and tracking of training for 80 personnel.
- Led the implementation of new training initiatives to enhance operational readiness.
- Streamlined administrative processes to improve training efficiency.

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## EDUCATION

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

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## SKILLS

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**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)