Josh Scheitler

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SUMMARY

Software Engineer with hands-on experience designing and developing fullstack software solutions from concept to deployment. Motivated self-starter focused on leveraging the latest technologies and frameworks to build new user-focused applications and features while increasing reliability, stability, and performance at scale.

SKILLS

- **Engineering:** Fullstack Development, Frontend & UI/UX, Backend & Infrastructure, Cloud Architecture, API Design, RESTful Web Services, Microservices, Manual Testing, Automated Test Scripts, Regression Testing, CI/CD, DevOps, Software Quality, Scalability, Performance, Reliability, Automation, Accessibility, Documentation, Agile Methodologies
- **Leadership:** Strategic Planning & Execution, Project Management, Process Improvement, Cross-functional Collaboration
- **Technology:** Java, Python, C, JavaScript, HTML, CSS, Visual Studio, Azure, Salesforce, Git

EDUCATION & CERTIFICATIONS

- **Master of Science in Computer Science, Iowa State University** **Expected May 2027**
    - **Relevant Coursework:** Data Structures and Algorithms, Object Oriented Programming, Analysis of Algorithms, App Development, Database Management, Software Testing

RELEVANT EXPERIENCE

Student Software Developer, Daktronics Inc **May 2024 - Present**

- Developed and deployed Salesforce solutions impacting 1,000 different company accounts to enhance customer relationship management and cloud-based workflows using Apex, JavaScript, HTML, CSS, and SOQL.
- Designed, implemented, and pushed real features into production leveraging Microsoft Azure and a CI/CD pipeline for version control and deployment in collaboration with a 7-person Agile development team.
- Designed, developed, and deployed a developer-facing UI to streamline field permission management for Salesforce projects by migrating manual XML file changes to a single click of a button using Node, Express, and Vite.
- Built a backend tool to parse and rewrite Salesforce XML, automate sorting, and reduce manual errors, which was adopted by 10+ developers and the Integration and Sales Operations teams to reduce manual work by up to 30 minutes a day.
- Created a scheduled callback system that streamlined callback scheduling for service appointments, which sends email/SMS notifications with ICS file attachments for appointments.
- Built an asset move tool to allow customers to seamlessly transfer assets between accounts and locations.
- Partnered with the Service Operations Team to implement business logic and migrate existing data to a new CRM on Salesforce Service Cloud.
- Developed and implemented innovative testing strategies using a combination of Apex and Jest tests and worked with the QA team to drive the adoption of an automated testing software for UI testing in Salesforce.
- Participated in daily standups, weekly backlog refinement meetings, biweekly sprint retrospectives and sprint plannings, and quarterly PI planning events.

SELECT PROJECTS

Crib Connect

- Built a fullstack roommate matching Android application with user-focused features for a roommate survey, roommate search, a best fit algorithm, and an admin panel for landlords using Spring with a 3-person development team.

No-Scroll

- Co-developed a custom VS Code extension that boosts productivity and eliminates 30 minutes of manual work by enabling users to add, remove, and jump back and forth between breakpoints and removing the need to scroll/search for functions using TypeScript and the Yeoman framework.

Code Royale

- Co-building a fullstack, real-time 1v1 coding battle platform that gamifies LeetCode-style technical interview preparation by challenging players to compete against each other via live multiplayer races/sessions implemented using Web Sockets.
- Enabled real-time code execution, feedback, and security by integrating CodeMirror editor and Judge0 API, and leveraged Firebase for user authentication and game state.

Line Leak

- Developed a web app to display real-time sportsbook odds from The Odds API using MongoDB, Express, React, and Node.js.
- Enhanced the user experience and sports betting analysis by implementing several calculators for calculating the expected value, the No-Vig, the implied probability, and the Kelly Criterion for a line to compute different odds.