

Jacob Kinser

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WORK EXPERIENCE

ACT Inc

May 2022 – June 2023

Software Engineer I

Iowa City, IA

- Successfully developed and contributed to the implementation of over 10 robust features as a vital member of a Scrum team, effectively delivering high-quality software in an agile environment.
- Led a team of 7 members in the development of a front-end project using Angular, taking responsibility for work breakdown, implementation, and successful production deployments.
- Collaborated actively in implementing cutting-edge Master Data Management solutions, enabling the organization to leverage system capabilities to their fullest potential, resulting in improved efficiency and accuracy.
- Utilized Java, Python, Spring Boot, JavaScript, SQL, Angular, and React to deliver high-quality solutions.
- Resolved over 40 critical priority incidents, meticulously addressing complex data issues, ensuring seamless access to student scores for customers, and maintaining a high level of satisfaction.
- Collaborated closely with the DevOps team to architect, enhance, and sustain cloud infrastructure, ensuring optimal performance, scalability, and security of the systems.
- Designed and implemented essential API endpoints, seamlessly connecting a front-end system utilized by an extensive user base of 1 million individuals annually, enhancing accessibility and usability.
- Developed a high-performance Java Application capable of efficiently processing a staggering 200,000 JSON payloads per hour, significantly improving data processing capabilities and overall system efficiency.

Iowa State University IT Services

Sept. 2020 – May 2022

Technician & Developer

Ames IA

- Thrived in a dynamic and collaborative environment, effectively managing multiple concurrent projects, ensuring efficient coordination, and delivering high-quality results.
- Demonstrated meticulous attention to detail while managing billing records for campus-wide internet service, ensuring accuracy and completeness, resulting in streamlined financial operations.
- Spearheaded the design and implementation of automated testing procedures for the installation of a multi-million-dollar project, leveraging C programming language to enhance quality assurance and optimize project delivery.
- Successfully maintained and optimized network equipment vital to supporting campus-wide infrastructure, ensuring uninterrupted connectivity, and maximizing operational efficiency.

EDUCATION

Iowa State University

May 2022

BS, Software Engineering

Ames, IA

- Minor in Cyber Security
- Designed and created an interactive shell in C
- Developed a private network with firewall rules and security updates
- Participated in penetration testing in a closed environment

TECHNICAL SKILLS

- **Skills:** C, Java, Python, Rest APIs, TypeScript/JavaScript/HTML/CSS
- **Frameworks and Libraries:** Angular, MySQL, React, Spring
- **Tools:** Amazon Web Services (S3, EC2, Simple Queue Service, Lambdas, Step Functions), Git, Jira, Postman