

Atlas Petersen

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SUMMARY

Aspiring software engineer with practical experience in modernizing web applications. Skilled in collaborating with diverse teams to enhance user experiences and improve operational workflows. Previous roles demonstrate strong problem-solving abilities and adaptability while working on complex codebases. Eager to contribute to a high-performance trading environment, gaining insights and developing practical solutions that align with both technical standards and end-user needs. Looking forward to driving positive change through innovative projects and building lasting relationships within the organization.

EDUCATION

Bachelor's Degree in Computer Science

University of Illinois GPA: 3.75

2023

Champaign, IL

Coursework: Data Structures, Web Development, Software Engineering Principles, Database Management

TECHNICAL SKILLS

- Web Development Tools:** HTML, CSS, JavaScript
- Project Management Tools:** Trello, Asana, JIRA
- Communication Tools:** Slack, Microsoft Teams, Zoom
- Version Control:** Git, GitHub, Bitbucket
- Infrastructure:** AWS, Azure, Linux
- Database Technologies:** MySQL, MongoDB, PostgreSQL
- APIs:** REST, SOAP, GraphQL
- Testing Frameworks:** JUnit, Selenium, Mocha
- Frontend Frameworks:** React, Angular, Vue.js
- Backend Frameworks:** Node.js, Express, Django

SKILLS

- Web Development
- Agile Methodologies
- Cross-functional Collaboration
- Documentation Writing
- User Experience Design
- Stakeholder Communication
- Problem Solving
- Production Support
- HTML/CSS
- Debugging
- API Integration
- Software Testing
- Version Control Systems
- Database Management
- Application Performance Monitoring
- Front-end Development

EXPERIENCE

Software Engineer

Tech Innovations Inc.

January 2025 - Present

Bloomington, IL

Focused on developing and enhancing internal applications that optimize user experience. Drove successful project initiatives aimed at upgrading legacy systems for improved performance and efficiency.

- Collaborated with product teams to develop crucial internal applications, significantly augmenting user satisfaction.
- Led efforts to refactor existing systems and cut operational downtime effectively.
- Streamlined workflow processes by actively implementing Agile methodologies, which notably boosted team productivity.
- Developed comprehensive documentation that guided developers and users alike, fostering accessibility.

Junior Software Developer

Smart Solutions LLC

June 2023 - December 2024

Champaign, IL

Contributed to the development of web-based tools aimed at supporting daily operations and enhancing team productivity. Worked collaboratively to ensure features aligned with user needs.

- Assisted in crafting web tools that directly bolstered the team's workflow.
- Provided user documentation and training sessions for new features, intensifying user engagement.
- Engaged in regular code reviews, promoting knowledge sharing across the development team.
- Fostered an open exchange of ideas, encouraging input from non-technical stakeholders.

PROJECTS

Web Portal Modernization Project 📅 August 2026

Spearheaded a modernization initiative targeting a production web portal extensively used by operations staff. Ensured user-centric design, focusing on usability improvements while minimizing disruptions during integrations.

LEADERSHIP & AWARDS

- Dean's List, University of Illinois, Fall 2021 & Spring 2022
- Undergraduate Research Assistantship Grant, Summer 2022

CERTIFICATIONS

- Certified Scrum Master (CSM) 📅 2024
- JavaScript Fundamentals 📅 2025

PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery (ACM)
- Volunteer Tutor, Code.org

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST