Michael Keen
Software Engineer

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EDUCATION

AUG 2017 - MAY 2021

B.S. Computer Science
Ball State University
Muncie, IN

SKILLS

- C#/.NET
- JavaScript (Vue.js, jQuery)
- Java
- SQL (PostgreSQL, T-SQL)
- AWS
- Docker
- Unix
- Git
- HTML5/CSS

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WORK EXPERIENCE

FEB 2022 - Current

Software Developer

Cheetah Inc., **Muncie, IN**

- Developed new features and implemented performance improvements in an enterprise wealth management and trust accounting system. This system processes millions of financial records per year.

- Led the development effort to migrate a large, legacy ASP.NET web application from .NET Framework to modern .NET. This required redesigning the core architecture to support long-term maintainability and future platform upgrades.

- Served as lead developer for a high-priority, major feature initiative in investments suite. This initiative delivered an improved user experience by aligning with expected outcomes, with zero post-deployment issues to date. Utilized a unit test-based approach for testing, which saw the system's unit test count increase by 60%.

- Currently serving as Technical Team Lead. Primary responsibilities for this role include advocacy for system architecture, modernization, and technical debt maintenance.

- Led a cross-functional effort with QA to implement unit testing at scale, defining processes and guiding developers in adopting new testing tools and practices.

- Partnered with product management to align new feature initiatives with existing system architecture and constraints, enabling clearer requirements and smoother implementation.

- Served as a primary liaison between development and QA, clarifying requirements, resolving ambiguities, and ensuring accurate communication across teams.

AUG 2021 - DEC 2021

Graduate Research Assistant

Purdue University, **West Lafayette, IN**

- Worked on CYMANII research team that included Dr. Dongyan Xu and Dr. Ananth Grama.

- Set up backend infrastructure for project, which consisted of installing HUBzero CMS on CentOS server and adding custom components.

- Wrote and maintained setup documentation following good documentation practices.

- Attended weekly meetings to discuss progress and clarify steps for upcoming tasks.