

Evan Klein

github.com/evklein

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EDUCATION

Purdue University, West Lafayette, IN

August 2016 - May 2020

- Bachelor of Science in Computer Science
- Minor in Music Theory & History

SKILLS

Languages: C#, Javascript, Typescript, Python, Rust, C, C++, Java

Frameworks/Technologies: .NET, React, Blazor, Django, Azure (AZ-900 Certification), Git, Github Actions, Docker, Kubernetes, Material Design, Carbon Design, PowerBI, Terraform, Optimizely, SQL

WORK EXPERIENCE

MISO (Midcontinent Independent System Operator) *Full Stack Web Developer*

February 2024 – Current

- Provide active support and development for a publicly available website using .NET and React technologies, capable of serving over one million users monthly.
- Designed and engineered a web application to aid energy market participants in monitoring critical bulk electric system equipment and winterization plans on the MISO network. Implemented using Blazor for server-side rendering and Entity Framework Core for SQL database integration.
- Assisted in the engineering and deployment of a public-facing chatbot utilizing Azure and OpenAI's GPT model for enhanced stakeholder interaction. Automated the deployment process with GitHub Actions and standardized infrastructure using Terraform.
- Currently manage regular maintenance and support for over a dozen production applications and associated Azure-hosted infrastructure. Responsibilities also include webmaster duties such as document management, change request submissions, and user support ticket handling.

Milliman MedInsight *Systems Engineer / Senior Systems Engineer*

June 2020 – February 2024

- Led the project management of an in-house CMS with thousands of active users. Triaged user issues in production environments and facilitated Agile ceremonies—daily stand-ups, retrospectives, and sprint planning sessions—to enhance team productivity and process efficiency.
- Collaborated as a full-stack engineer in a team effort to overhaul and re-engineer an existing product using technologies such as .NET, Blazor, and PowerBI datasets. Assisted in creation of a CI/CD pipeline using Github Actions to automate builds, testing, and deployment to cloud resources.
- Developed and delivered presentations on emerging web technologies and the advantages of application containerization. Presented these topics to engineer audiences at company forums in Seattle, Phoenix, and Chicago, enhancing knowledge sharing across the organization.
- Participated in a company-wide mentorship program, providing guidance and technical advice to new employees. Assisted mentees with career development and integration into the company's goals, fostering a supportive learning environment.