

Dan Miller

SOFTWARE ENGINEER · LIFELONG LEARNER · GAME DEVELOPER

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“Be the change that you want to see in the world.”

Summary

Lead cloud engineer at financial startup Dispute.com. Provided technical leadership and onboarded a team of 3 engineers, building a strong culture of documentation and testing. 8+ years of varied experience in software engineering specializing in backend development, software architecture, and real time applications. Strong communication skills, with a proven track record of leading teams to clarity on future and current products.

I love to learn new languages as well as deep learning every detail of more frequently used tools. Currently learning Rust, Bevy, and Vim. Specialist in C#, dotnet core, Unity, and Terraform. Excited by working with highly performant and reliable software with passionate teammates.

Work Experience

Dispute.com

Milwaukee, Wisconsin (Remote)

SENIOR SOFTWARE ENGINEER

Feb. 2023 - Present

- Build foundational engineering practices to support a small team.
- Created CI CD pipelines in GitHub Actions which deployed applications via Terraform and released internal shared Nuget and NPM packages.

Flite Golf & Entertainment

Milwaukee, Wisconsin (Remote)

UNITY IMPLEMENTATION SPECIALIST

Seb. 2022 - Feb. 2023

- Provided company-wide guidance on C# and Unity best practices as the resident Unity expert.
- Reduced build times by splitting project code into assembly definitions.
- Introduced unit tests to an untested codebase.
- Implemented extensible logging solution supporting both cloud-based analytics and local file logging.
- Introduced Azure Application Insights to capture logs and debug all deployments across all facilities.
- Managed on-site deployment of 36 Unity-based golf simulators, and Flite's client relationship with the independent facility.
- Built foundation for disciplined QA practice by designing standardized test cases.
- Led towards a culture of documentation and collaboration by creating a knowledge base and onboarding guide.

Centare (Milwaukee Tool)

Milwaukee, Wisconsin

AWS CLOUD ENGINEER

Jan. 2021 - Jun. 2021

- Used CQRS and Event Sourcing to build an ETL pipeline from Sql Server into Elasticsearch
- Learned AWS Lambda and the Kinesis Consumer Library in Python to build a serverless data pipeline
- Skills: Python • Terraform • Docker • C# • AWS Lambda • Dynamodb • Kinesis

Centare (Symplr Cactus)

Milwaukee, Wisconsin

FULL STACK ANGULAR DEVELOPER

Sep. 2019 - Dec. 2020

- Modernized existing web applications into Angular Single Page Applications.
- Onboarded two offshore teams to work inside the new project ecosystem.
- Skills: Angular • Typescript • RxJS • Cypress • C# Web API • Agile

Centare (API Healthcare)

Milwaukee, Wisconsin

CLOUD ENGINEER, ANGULAR APPLICATION DEVELOPER

Aug. 2017 - Seb. 2019

- Converted legacy C# on-premise modules to run on the Azure cloud.
- Managed automated build and deployment in Jenkins.
- Worked on Time and Attendance software used by hospitals across US and Canada.
- Documented and led design decisions for Angular applications.
- Worked in an organization of 6+ other teams.
- Onboarded new team members to support Angular applications by creating a knowledge base and one-on-one mentoring

Brady Corporation

Seoul, S.Korea

IT DEVELOPMENT INTERN

Jun. 2015 - Dec. 2016

Honors & Awards

INTERNATIONAL AWARDS

2021	2nd Place , AWS ASEAN AI/ML GameDay	Online
2020	Finalist , DEFCON 28th CTF Hacking Competition World Final	Las Vegas, U.S.A
2018	Finalist , DEFCON 26th CTF Hacking Competition World Final	Las Vegas, U.S.A
2017	Finalist , DEFCON 25th CTF Hacking Competition World Final	Las Vegas, U.S.A
2014	Finalist , DEFCON 22nd CTF Hacking Competition World Final	Las Vegas, U.S.A
2013	Finalist , DEFCON 21st CTF Hacking Competition World Final	Las Vegas, U.S.A
2011	Finalist , DEFCON 19th CTF Hacking Competition World Final	Las Vegas, U.S.A

DOMESTIC AWARDS

2021	2nd Place , AWS Korea GameDay	Seoul, S.Korea
2015	3rd Place , WITHCON Hacking Competition Final	Seoul, S.Korea
2017	Silver Prize , KISA HDCON Hacking Competition Final	Seoul, S.Korea
2013	Silver Prize , KISA HDCON Hacking Competition Final	Seoul, S.Korea

COMMUNITY

2022 -	AWS Community Builder (Container) , Amazon Web Services (AWS)
2022 -	HashiCorp Ambassador , HashiCorp
2018 -	Organizer of HashiCorp Korea User Group , HashiCorp

Certificates

2023	AWS Certified Advanced Networking - Specialty , Amazon Web Services (AWS)
2022	AWS Certified Security - Specialty , Amazon Web Services (AWS)
2022	AWS Certified Solutions Architect – Professional , Amazon Web Services (AWS)
2021	AWS Certified SysOps Administrator – Associate , Amazon Web Services (AWS)
2020	Certified Kubernetes Application Developer (CKAD) , The Linux Foundation
2023	HashiCorp Certified: Consul Associate (002) , HashiCorp
2023	HashiCorp Certified: Terraform Associate (003) , HashiCorp

Education

MSOE

B.S. IN SOFTWARE ENGINEERING

- Some stuff happened.

Milwaukee, WI
Sept. 2012 - May 2017