

Matthew Bowers

✉ matbowrs@gmail.com ☎ +1 630-453-9390 in Matthew Bowers 🌐 [Personal Website](#) 📄

Experience

DevOps/Cloud Engineer

San Diego, California (Remote)

IntelliGuard Health

July 2023 – Present

- Design and implement new project infrastructure using Terraform to support new initiatives
- Took the lead in cost-saving initiatives in AWS, resulting in significant reductions in monthly expenses
- Enhance and optimize existing pipelines within TeamCity, resulting in streamlined workflows and improved development efficiency.
- Proactively address security concerns by promptly identifying and resolving vulnerabilities in utilized packages and dependencies, bolstering the overall robustness of the software ecosystem.
- Play a pivotal role in ensuring efficient releases to production through orchestration in Octopus Deploy
- **Key Skills :** AWS, Python, Bash Scripting, Terraform, Cloud Architecture, Deployment Automation, Docker, Containerization, Octopus Deploy, TeamCity, Platform Engineering

Technical Consultant

San Diego, California (Remote)

IntelliGuard

July 2023 – Nov 2023

- Worked as a Technical Consultant for Apex Systems contracted to IntelliGuard Health. For details, see above.

DevOps Engineer

Alpharetta, Georgia (Remote)

ADP

Aug 2021 - June 2023

- Design, enhance, and optimize infrastructure and application pipelines to ensure seamless operations.
- Created production-ready Kubernetes clusters using Terraform and AWS, ensuring scalability and reliability.
- Deploy and configure diverse AWS services and infrastructure (EC2, SNS, SQS, Route53, Systems Manager, IAM) to build robust environments.
- Deliver comprehensive production-level support to Lead Developers and Performance teams.
- Utilize Grafana for monitoring of infrastructure performance and issue detection.
- Achieved significant cost savings of several thousand dollars by migrating databases to Aurora Serverless and optimizing EC2 instances.
- **Key Skills :** Cloud Computing, Kubernetes, Helm, Docker, Jira, BitBucket, AWS, Ansible, Terraform, CI/CD, Concourse Pipelines, Grafana, Automation, Bash Scripting

React Developer

Atlanta, Georgia

MagMutual Insurance

Jan 2021 – May 2021

- Led a team of 5 people, ensuring efficient collaboration and successful project delivery.
- Employed React and Material UI frameworks to design and construct various dashboard views tailored to the specific user roles and leveraged Golang for fundamental routing functionality.

Software Engineer Intern

Alpharetta, Georgia

ADP

June 2020 – Aug 2020

- Conducted research and provided recommendations for an optimal testing framework for UI integration within the team.
- Developed automated tests utilizing Mocha and Google Puppeteer to enhance testing efficiency and reliability.
- Demonstrated the efficacy of the Transfer Learning method by storing and updating a pre-trained model.
- Integrated the automated tests seamlessly into the Jenkins CI/CD pipeline for streamlined and automated testing processes.

Education

Kennesaw State University - BSc in Computer Science with Honors - Aug 2017 – May 2021

Projects

ResumaiRanker

Feb 2025 - Present

- Building an intelligent resume screening system using RAG technology that processes multiple resumes and analyzes them against specific job requirements provided through user prompts, demonstrating practical ap-

plications of large language models in recruitment.

- Implementing a scoring algorithm that identifies and ranks the top 5 candidates, generating percentage-based match scores and providing explanations for why each candidate was selected.
- Developing this project to gain hands-on experience with RAG models, focusing on document processing, document embedding, semantic search, and natural language generation while creating a practical tool that streamlines the initial resume screening process.

Local Development Environment

Intelliguard Health - Oct 2024 - Feb 2025

- Containerized a complete .NET solution using Docker, enabling developers to run the entire application stack locally with consistent environments and dependencies. This standardized development setup eliminated "it works on my machine" issues and improved code reliability.
- Significantly enhanced development efficiency by creating a production-like environment in containers. This allowed developers to catch environment-specific issues early in the development cycle, reducing the number of environment-related bugs that would typically only surface in later stages.
- Engineered a specialized Docker container for SQL Server Reporting Services (SSRS) deployment, streamlining the report deployment process and ensuring consistent report rendering across different environments.

Static Website Generator

Jan 2025

- Created a custom static website generator that converts markdown (.md) files to HTML, enabling users to efficiently create and manage web content without manual HTML coding.

Automated Deployment Pipeline

Intelliguard Health - Oct 2024 - Nov 2024

- Streamlined CI/CD pipeline by integrating build and deployment processes, accelerating code delivery to Development and QA environments.
- Developed a service version tracking dashboard to enhance visibility and deployment monitoring across environments for QA team.

Automated Rollback Pipeline

ADP - Sept 2022 - April 2023

- Enhanced the existing pipeline rollback procedure, resulting in improved efficiency.
- Implemented an automated pipeline that executes in the event of a failed promotion to our main environments, facilitating automatic reversion of all changes.

Technologies and Skills

Languages : English (Native), French (C1), German (A2, actively learning)

Programming Languages : Python, Bash, PowerShell, SQL, Terraform, Go

Tools/Frameworks: AWS, Docker, Kubernetes, TeamCity, Octopus, Concourse Pipelines, Grafana, Splunk

Continued Learning : AWS Solutions Architect - Associate Exam, RAG (Retrieval-Augmented Generation) Models, LLMs, Machine Learning, LangChain, MLOps