Matthew McGuff

Technologist | Leader/Manager | Nerd

Farmington, Arkansas 72730
(208) 970-9341
matthewmcguff85@gmail.com
https://mmcguff.github.io/
https://github.com/mmcguff

EDUCATION

B.S. Software Engineering
BYU-Idaho

SKILLS

JavaScript, TypeScript, Python, .NET, C#, Java, PHP, Kotlin, C++, Docker, Kubernetes,

FRONTEND

HTML, CSS, React.js, Angular,

BACKEND

Node.js, Express, Serverless, REST API, GraphQL API, Redis, Wordpress

DATABASES

SQL, MySQL, MS-SQL, Postgresql, MongoDB, Firestore, DynamoDB

CLOUD

AWS, Amplify, ECR, EC2, SQS, S3, GCP, Firebase, Firestore, Google Maps API, Azure, Active Directory

EXPERIENCE

Walmart, Bentonville, AR (Hybrid) — *Staff Software Engineer*

SEP 2024 - PRESENT

- Tech Leadership: Led development of "Me @ Campus Inbox Mini" app.
- React Native: Built cross-platform mobile app.
- Nest.js & TypeScript: Developed backend services.
- Node.js: Implemented scalable backend solutions.
- Cloud Technology: Deployed on WCNP.
- Azure Cosmos DB

Kroger, Cincinnati, OH (Remote) — *Senior Advanced Service Developer*

JAN 2024 - SEP 2024

- Senior Advanced Service Developer at Kroger
- Specialization in the Apex Microservice layer
- Crafting robust API solutions for Kroger's digital marketing tools
- Expertise in Typescript and Node.js
- Development of innovative services to enhance customer engagement
- Personalization of promotion rankings
- Validation of effectiveness through AB testing
- Driving revenue growth

Resmark Systems, Salt Lake City, UT (Remote) — *Senior Software Engineer*

DEC 2021 - JAN 2024

- Senior Software Engineer at Resmark Systems.
- Expertise in architecting and sustaining Node. js-based microservices.
- Leveraging a suite of AWS technologies such as EC2, ECR, Pipeline, CodeBuild, S3, and SQS.

- Spearheading projects to integrate Azure Active Directory SSO for bespoke client solutions.
- Formulating strategic plans for forthcoming developmental benchmarks.

Upwork, Remote — *Freelancer*

DEC 2015 - PRESENT

- As a freelancer, I have successfully completed 42 projects.
- I have logged nearly 4,000 hours of billable work.
- My proven ability to deliver results has earned me over $200,000 in client compensation.

Software Technology Group, Salt Lake City, UT (Remote) — *Senior Software Engineer*

MONTH 2021 -DEC 2021

- Collaborated with diverse clientele, including Traeger Grills.
- Traeger Grills offers a high-end wood pellet grill product that can be controlled using voice commands or a smartphone.
- Responsibilities involved enhancing integration between a content management system and Alogia.
- Facilitated the search for products and recipes on both the mobile app and the website.

Brigham Young University Idaho, Rexburg, ID — *Software Engineer*

MONTH 2021 -DEC 2021

- I work as part of the Information Technology Department at Brigham Young University-Idaho.
- My role is to provide solutions that serve as tools for the University in fulfilling its mission.
- I worked specifically in the underlying Microsoft WCF service layer that connects the student information system to all external university integrations.

Walmart Labs - Bentonville, AR— *Software Engineer*

MAY 2018 - JAN 2020

- Working on the Muse project (formerly Eden).
- Developing an application ecosystem to better observe and predict Walmart Produce quality.
- Current technologies used by the team are ever expanding based upon business need.
- Presently include a wide variety of JavaScript & Node.js technologies (NPM, Express, Mocha and Chai, TypeScript, etc.).
- Native Android (Java and Kotlin).
- Apache Kafka.

- At Walmart, actively involved in the Muse project (formerly known as Eden).
- Objective is to create an application ecosystem that will significantly enhance our ability to monitor and forecast the quality of produce.
- Technologies currently utilized by our team continue to evolve as per business requirements.
- Employ a diverse range of JavaScript & Node.js technologies, including NPM, Express, Mocha and Chai, TypeScript, among others.
- Leverage Native Android (Java and Kotlin) and Apache Kafka to support our application ecosystem.

P.A.V.E- Remote— *Software Architect*

MAY 2018 - JAN 2019

- Responsible for P.A.V.E.'s early development of a solution that brings veterans and professionals together to provide the advice/direction they need.
- Volunteered time to lead groups of software engineering students to take this wonderful idea from idea to reality.
- Dedicated time to leading teams of software engineering students as a volunteer.
- Mission was to bring P.A.V.E.'s innovative solution to life, connecting veterans with professionals to provide the guidance and support they needed.
- Transformed a brilliant idea into a tangible reality, paving the way forward for P.A.V.E's early development.

Seikosoft LLC- Idaho Falls, ID— *Software Engineer*

MAR 2018 - APR 2018

- Contributed to the design of the United Carrier Registration 2.0 website as part of a government contract.
- Primary responsibility was to define the overall aesthetic and user experience of the site.
- Involved determining the most appropriate technologies to meet the requirements specified in the contract.
- Played a key role in selecting ASP.NET Core Razor Pages as the framework and Postgres Database as the backend solution.

Curriqunet- Idaho Falls, ID— *Software Engineer*

MAY 2017 - APR 2018

- Assisted in the successful implementation and development of tasks within JIRA.
- Collaborated with the development team to initiate positive and impactful changes.
- Demonstrated proficiency in navigating the various layers of the codebase, utilizing technologies such as ASP.Net MVC, C#, and MS SQL Server.

Docutech- Idaho Falls, ID— *Technical QA Analyst*

MAY 2015 - APR 2017

- Participated in the software development process, taking ownership of

various tasks.

- Assisted in the QA testing of newly released software products.
- Authored MS SQL scripts to rectify database-related issues.

Melaleuca, The Wellness Company- Idaho Falls, ID—
Document Enrollment Specialist

SEP 2014 - OCT 2015

- Managed software development documents using tools and technologies.
- Collaborated with team members.
- Gained expertise in software engineering principles.

Starwood Hotels & Resorts- Austin, TX— *Reservation Sales Agent*

MAY 2015 - APR 2017

- Applied software engineering skills and experience to improve the efficiency and quality of the booking system as a reservation sales agent.
- Developed and maintained scripts and macros to automate tasks, troubleshoot errors, and optimize performance.
- Collaborated with the IT team to provide feedback, test new features, and report bugs.
- Demonstrated strong communication, problem-solving, and customer service skills in handling inquiries, reservations, and cancellations.

Aviation Regulatory Specialist- Houston, TX— *Universal Weather and Aviation Inc.*

NOV 2011 - NOV 2013

- Responsible for ensuring compliance with federal and international aviation standards and regulations.
- Applied software engineering skills and experience to develop, test, and maintain software tools and applications that automated and streamlined various regulatory processes.
- Collaborated with other software engineers, aviation experts, and stakeholders to design and implement user-friendly and secure software solutions that met the needs and expectations of the aviation industry.

PROJECTS

Compliance.ai — https://www.compliance.ai/

As an API Manager, I help risk management firms integrate their processes with compliance.ai, a SaaS solution providing regulatory updates and impact analysis. My role involves facilitating technical discussions, guiding developers, and offering support throughout the integration process.

Spoiled Banana Society — *https://www.sbs.xyz/*

I constructed the off-chain components of an NFL Fantasy Football NFT website. This included developing the backend API for delivering data to the website, enabling real-time game scoring, and awarding prizes. I utilized Firebase Functions, Firestore, Storage, Extensions, and various other specific components of the Google Cloud Platform to power this gaming site. The front end was built using Next.js, a React-powered framework that offers excellent support for static web pages and other features.

Trucking SE— *https://truckingse.com/*

In collaboration with one of my clients, I developed a website that serves as a bridge between commercial trucking operations and service providers offering nearby services specific to tractor/trailer maintenance. The website's frontend is built using Angular, while the backend is hosted on Heroku and utilizes Node.js and Express for data management. To enhance functionality, the website integrates with various third-party services, including Salesforce, zip code APIs, and Firebase.