



JUSTIN MANN

EDUCATION

- **Bachelors of CS**, Math Minor, Emphasis of Business Management
Montana Tech - University of Montana, Butte, MT
May 2008

PROFESSIONAL SUMMARY

- Experienced C# Full Stack Web Application Developer with expertise in in-house and Azure environments.
- Passionate about creating clean and modern designs, solving complex problems, and staying up-to-date with new techniques and technologies.
- Committed to providing useful services and solutions that contribute to the success of the company's business initiatives.
- Thrives in collaborative environments where knowledge sharing is encouraged.
- Full-Stack professional within the Microsoft solution stack, primarily focusing on backend and middle-tier services.
- Seeking opportunities to continue working with Azure and currently working on an open-source project with IoT devices, microprocessors, and LoRa radios.
- Enjoys being part of a team that tackles simple or complex problems, delivering comprehensive and modernized solutions in an AGILE-compliant manner.

WORK HISTORY

June 2022 - June 2024

Location3 Media - Sr. Full Stack .NET Web Application Developer, Denver, CO

- Evaluated third-party tools and libraries for potential integration into projects based on functionality, performance, and ease of use.
- Refactored existing codebases to improve modularity and adherence to design patterns, allowing for easier future enhancements.
- Leveraged Nuget and authoring/maintaining packages to build reusable components for efficient utilization across multiple projects, reducing overall development time.
- Integrate 3rd party APIs from our partners (internet advertising platforms) to interact with and automate against their systems.
- Built RESTful APIs and web services leveraging Azure Functions and Service Bus to achieve pub-sub domain microservices.
- Performed unit testing of web applications and troubleshoot issues both locally and in Azure.
- Built out CI/CD pipelines for Azure Devops including integration and unit testing, as well as code review checkpoints.

@
justinmann.mail@gmail.com

📞
406.498.7390

📍
Butte, MT 59701

WEBSITES, PORTFOLIOS, PROFILES

- [LinkedIn](#)
- [406jem.com](#)

SKILLS

- ✓ C# (.NET Core, .NET Framework, .NET Standard)
- ✓ Azure Cloud
- ✓ Key Vault, AKS, Azure B2C (Entra ID), API Gateway
- ✓ Domain Microservices
- ✓ Responsive design
- ✓ HTML5, CSS, Javascript
- ✓ Automated testing
- ✓ Test-driven development
- ✓ Application design & Full-stack development
- ✓ RESTful API
- ✓ OAuth and JWT (Scoped Endpoint Permissions)

- ✓ Relational & Document Databases (SQL, T-SQL, Cosmos DB, Mongo DB)

TOOLING & FRAMEWORKS

- ✓ Visual Studio
- ✓ VSCode
- ✓ Rider
- ✓ GitHub Copilot (IDE integration, Code Reviews)
- ✓ Docker Containers
- ✓ Npm
- ✓ Node.js
- ✓ Postman
- ✓ Angular vX
- ✓ VUE.js
- ✓ Blazor
- ✓ DAPR
- ✓ Dapper
- ✓ Entity Framework
- ✓ FLURL
- ✓ Restsharp
- ✓ POLLY
- ✓ Swagger / SwashBuckle
- ✓ Swagger Gen
- ✓ Android Studio (IONIC, CAPACITOR, Kotlin)

OPEN SOURCE CONTRIBUTIONS

- ✓ [Meshtastic](#)
 - Android Client
 - [Added new environmental metrics](#)
 - Firmware
 - [Added support for RAK12035 sensor](#)

September 2021 - May 2022

Axis Capital Holdings – Sr C# .NET Application Developer, Alpharetta, GA

- Maintained and Extended custom C# solutions for internal use according to specific requirements and needs to adhere to the most recent insurance rater metrics available.
- Coded policy engine services to produce different policy rates used by underwriters by maintaining risk management percentage-point change via integration of latest human and environmental hazard rating adjustor.
- Participated in code reviews to maintain coding standards.
- Enhanced software performance by optimizing C# code and ensuring all libraries and software packages were up to date.
- Collaborated with technology team to deliver on a schedule.
- Conducted thorough unit testing to ensure functionality and minimize errors.
- Improved overall code quality by refactoring legacy code-bases.
- Successfully met tight deadlines under pressure.

January 2020 - May 2021

The MIL Corporation - Sr Full Stack .NET Web Application Developer, Bowie, MD

- Analyzed, evaluated and developed new web and database applications.
- Completed analysis, design and testing.
- Developed reusable components for increased development efficiency.
- Leveraged Azure DevOps CI/CD pipeline for deploying applications.
- Enhanced data security, ensuring encryption of any PID or agency data to safeguard sensitive information.
- Containerized services and deployed to AKS using pipelines and ACR... also used DAPR in Kubernetes as a service registry for most of our containerized microservices.
- Developed and deployed scalable RESTful services and APIs including rate limiters and retry policies.
- Customized content management systems to fit unique business requirements, enabling non-technical users to easily manage website content.
- Rapidly prototyped new data processing capabilities and Azure services to confirm integration feasibility into existing systems.

July 2019 - January 2020

MWI Animal Health – Sr Full Stack .NET Developer, Boise, ID

- Conducted regular performance evaluations of developed applications using profiling tools to show scale of improvement with new code.
- Reduced software bugs by conducting thorough unit testing and debugging
- Enhanced application performance by optimizing .NET code and implementing efficient algorithms.
- .NET frameworks knowledge led to informed decisions on choosing appropriate tools and technologies for each project phase.
- Participated in code reviews, ensuring adherence to established programming guidelines while maintaining code quality across the team.
- Improved system reliability by identifying bottlenecks and implementing necessary improvements in the codebase.
- Refactored legacy code-bases, improving maintainability.
- Optimized application performance, leading to quicker load times and more responsive user interface, by diligently profiling and tuning system components.
- Developed and deployed scalable services and RESTful APIs.

November 2016 - February 2019

Montana Interactive, LLC -Full Stack Web Application Developer, Helena, MT

- Stayed current on industry trends, incorporating new technologies into web application development projects when appropriate.
- Analyzed user requirement reports to design web applications to meet customer needs, as well as legal and budgetary restrictions.
- Ensured the security of web applications by implementing best practices in coding and encryption techniques.
- Developed custom web applications tailored to specific client needs.
- Performed pre-release and live diagnostic testing, eliminating bugs and security flaws from in-development and extant product releases.
- Reduced load times with efficient database queries.
- Oversaw successful migration of legacy applications onto newer platforms without compromising functionality.
- Coordinated with quality assurance teams to identify potential issues before they reached end users.
- Coded websites using C#, SQL, T-SQL, HTML, CSS, JavaScript, and jQuery.
- Built a mobile app and a backend API using IONIC.
- Completed full redesigns of existing websites to improve navigation, enhance visuals.
- Optimized web applications for speed, scalability and security.
- Performed unit testing of web applications and troubleshoot issues.
- Reviewed code to validate structures, assess security and verify browser, device and operating system compatibility.
- Planned and engineered web services and RESTful APIs to manipulate dynamic datasets.

August 2013 - August 2016

Idaho State Controller's Office - IT Analyst /Software Programmer, Boise, ID

- Securely managed sensitive data, implementing robust cybersecurity measures.
- Tailored IT solutions to meet specific business needs, improving overall operational efficiency.
- Analyzed existing systems and databases and recommended enhancements to solve business needs.
- Performed regression and system-level testing to verify software quality prior to release.
- Modified existing software to correct errors, adapt to new hardware and improve performance.
- Authored code fixes and enhancements for inclusion in future code releases and patches.
- Collaborated with product management to design, build and test systems.
- Troubleshoot and resolved critical issues in a timely manner, minimizing downtime for end users.
- Developed in-house applications designed for company needs.
- Collaborated with other developers to refine software design and implementation.
- Performed code refactoring and optimization to improve performance.
- Created web-based dashboards and reporting tools for data visualization.
- Debugged problems caused by hardware, operating systems software, application programs and network failures.

May 2009 - May 2015

SimplePlan, LLC - Owner / Developer / IT Tech, Butte, MT

- Developed and maintained strong relationships with clients, resulting in repeat business and referrals.
- Managed financial aspects of the business, including budgeting, financial reporting, and tax preparation.
- Consulted with customers to assess needs and propose optimal solutions.
- Designed customized solutions for proposals to potential customers.
- Corrected, modified and upgraded software to improve performance.
- This was my LLC that I ran for a while doing basic consulting and IT work for small and medium businesses around Butte.

June 2008 - June 2010

Infomine of the Rockies - IT Specialist (internship Then Hired as Staff), Butte, MT

- Configured hardware, devices, and software to set up work stations for employees.
- Managed hardware and software inventory, ensuring timely updates and replacements as needed.
- Performed maintenance, installations and auditing tasks on an IBM cluster used as a leasable HPC resource.
- ... this was my internship and then for a while my job as I was hired on as staff. Not worth listing everything here as it was a pretty robust job, but I did everything from basic IT service, building networking and infrastructure, physical and server lever datacenter installations and work.. and just help the other tenants in the building with basic IT related tasks.