

Benjamin J Anderson

Senior Software Engineer

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West Jordan, UT

(801) 232-0217

15+ years of experience building world-class software. Roles range from supervisor, architect, engineer, and support for web applications and data pipelines with stringent quality performance. Exhibits strong communication, leadership, and technical background.

PROFESSIONAL EXPERIENCE

Principal Software Engineer - eFORCE Software – Remote Feb 2023 - Present

- **Architect, Maintain, Design, and Code:** Lead the design of enterprise software solutions delivered to over 400 agencies across the United States.
- **Cloud-Based Web Software:** Design and oversee the implementation of cloud-based web software serving thousands of law enforcement officers nationwide.
- **Best Practices Champion:** Establish and maintain industry-leading best practices for software design and architecture within the organization.
- **Collaboration:** Work closely with customers and internal project managers to design systems that consistently exceed customer expectations.

Recent Projects

- Helped establish logging and alerting throughout the entire software suite, leveraging New Relic to enhance software quality visibility, ensuring rapid issue detection and resolution.
- Collaborated directly with Texas court clerks to re-architect fees and payment processes within the court product, streamlining operations and improving user experience.

Senior Software Engineer Lead - Health Catalyst – Salt Lake City, UT Oct 2017 – Jan 2023

- Technical leadership in automating and enhancing large data warehouses and pipelines.
- Designed a weekly automated pipeline to pull data from 24 healthcare organizations into a 10 TB data warehouse using Azure Synapse and C#.
- Architect and built serverless functions for continuous data processing into the data warehouse using Azure functions, Storage, Service Bus, and Event Hub.
- Led a team in India to migrate in-house data pipelines to a modern cloud stack utilizing Azure PAAS and Snowflake.
- Designed and maintained a companywide documentation website using Azure App Service, Docfx, and Okta authentication.
- Enhanced web applications from SQL Server to Snowflake, using TypeScript, Angular, ASP.net Core/C#, and Snowflake.

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- Developed a healthcare benchmarking web application with a 99.9% uptime SLA using TypeScript, Angular, Redux, ASP.net Core/C#, Elasticsearch, and Jenkins.

Team Lead / Senior Engineer - Health Catalyst – Salt Lake City, UT Oct 2014 – Oct 2017

- Led a team of 5 to successful project completion, actively involved in architecture leadership and interviewing new candidates.
- Led the development of a web-based data management tool (IDEA) using TypeScript, AngularJs, ASP.net/C#, SQL Server, Azure DevOps CI/CD.
- Designed a web-based index of the Data Warehouse (Atlas) with project setup of webpack and development/test environments using TypeScript, Angular, ASP.net, C#, webpack, Azure DevOps CI/CD, and SQL Server.

Software Engineer/Architect - eFORCE Software – Logan, UT Jan 2017 - Oct 2014

Oversaw all software architectural and design decisions including choice of frameworks, technologies, testing, code organization, and code styling standards. Established SOLID design principles in team of 8 developers.

- Led project to create scalable web API to centralize customer data. Synced dispatch and record data through secure WCF services. *Used WCF, ASP.net / C#, Entity Framework, SQL Server.*
- Led team of 8 in developing various software projects used by thousands of police officers internationally. Improved customer experience through personalized support services.

EDUCATION

BS degree in Computer Science – Utah State University Dec 2010

SKILLS

Languages: C#, ASP.net, Node.js, PowerShell, Typescript, Angular, Python

Front End: HTML5, SCSS, JavaScript, Angular, Web Components, Web sockets

Database: SQL Server/Synapse, MySQL/MariaDB, Redis, MongoDB, Elastic Search, Snowflake

Devops: Docker, Git, Terraform, CI/CD (Azure Devops and Jenkins)

Cloud: Azure (Azure Developer Associate certified)