

# Benjamin J Anderson

## Senior Software Engineer

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West Jordan, UT  
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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.

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### PROFESSIONAL EXPERIENCE

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**Senior Software Engineer Lead** - Health Catalyst – Salt Lake City, UT Oct 2017 – Present

Technical leader in automating and enhancing large data warehouse and pipelines. Ensure quality and reliability in weekly data extract and ingest process. Lead offshore team to migrate to modern pipeline. Establish standards, ticketing, and data pipeline growth to meet cloud scale needs.

- Maintain automated pipeline to pull ~10 Gigabytes of tabular data from 24 health care organizations throughout the US weekly to populate ~10 TB data warehouse. *Used: Azure Synapse with C# based pipeline.*
- Architect and build serverless functions to process data continually and intelligently into data warehouse (Auto Ingest). *Used: Azure functions/Storage/Service Bus/Event Hub.*
- Lead India team to migrate in-house developed data pipelines to modern cloud data stack. *Used Azure PAAS and Snowflake.*
- Design and maintain backend to companywide documentation website docs.healthcatalyst.com. *Used Azure App Service built with Docfx and Storage authenticated by Okta.*
- Enhance existing web application from using SQL Server datastore to Snowflake (Pop Analyzer). *Used: TypeScript, Angular, ASP.net core / C#, Snowflake.*
- Developed multi-tenant healthcare benchmarking web application with 99.9% uptime SLA (touchstone). *Used: TypeScript, Angular, Redux, ASP.net core / C#, Elasticsearch, Jenkins.*

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

Led team of 5 to successful completion of project. Part of architecture leadership. Interviewed new candidates applying for the larger development team. Active team lead in Scrum/Agile process.

- Led team of 4 developers and 1 quality assurance engineer to successful completion of web-based data management tool (IDEA). *Used Typescript, AngularJs, ASP.net / C#, SQL Server, Azure Devops CI/CD, SQL Server.*

- Designed web-based index of Data Warehouse (Atlas). Led development of project setup of webpack and development/test environments. *Used Typescript, Angular, ASP.net, C#, webpack, Azure Devops CI/CD, SQL Server.*

**Software Architect** - eFORCE Software – Logan, UT Jan 2013 - 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.*
- Independently developed IOS/Android application to improve officer safety and record keeping. Used modern technology to create an interoperable and scalable application. *Used Web Services, ASP.net / C#, Xamarin, IOS, Android.*

**Software Engineer** - eFORCE Software – Logan, UT Oct 2007 - Jan 2013

Led team of 8 in developing various software projects used by thousands of police officers internationally. Improved customer experience through personalized support services.

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## EDUCATION

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**BS degree in Computer Science** – Utah State University Dec 2010

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## SKILLS

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

Front End: HTML5, SASS, 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)