

# Mike Rosol

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## Career Profile

.NET Core software engineer/architect/manager with over 17 years of web app development experience. High performer! Very energetic and fast-paced self starter. 100% remote only.

Focused on new product development leveraging the best technologies available. Specialize in converting monolith software into a micro service architecture. Experienced in migrating data from a monolithic database to micro databases. Implemented event-driven architecture using queues. Implemented cqrs and event sourcing. Evaluates legacy systems, architects software, produces road maps and even implements code as a team lead.

Past success of merging very complex software together. Past success of splitting up very complex software apart into individual services. Proven record of team leadership and delivering thousands of micro services, web apps and user interfaces.

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## Career Highlights

- Owned and operated a software development company for 10 years
  - Managed employees, contractors and interns
  - Built real estate software that generated millions of dollars in sales revenue
  - Wrote financial software that collects market data, backtests and trades systematically
  - Created a multi-unit microsite engine and a custom CMS for franchise restaurants
  - Modernized hundreds of company user interfaces, apis and micro services
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## Experience

**Le-Vel**

Mar 2018 – Present

Lead Software Engineer on Microservices Team

- Developing domain and event driven real time systems in a way that they will never go down
- Migrating a legacy monolith system to a new modern elastic micro service architecture
- Redesigning a custom eCommerce platform to handle high-load traffic spikes
- Project management, event driven software architecture, API development, pull

request code reviews

- Primary technologies: Jira, Confluence, Git, BitBucket, Docker, containers, AWS, ECS, EC2, EKS, Azure DevOps, GitLab, Jenkins, Postgres, MSSQL, Kafka, Event sourcing, CQRS, DI, NCache, Redis, .NET Core, .NET Standard, MVC, Vue.js

**Flexential** (Formerly Peak10, ViaWest, INetU)

Nov 2014 – Jan 2018

Full Stack Software Engineer in New Product Development

- Modernized client user interface with a single page application architecture
- Wrote and consumed new microservices based on domain and test driven design
- API development for many different types of internal web services
- Integration of third party APIs (ex: riverbed load balancer, rubric, puppet, etc) into our cloud infrastructure management engine
- Managed intern that assisted writing unit tests for application coverage
- Discovered and resolved web application security vulnerabilities based on OWASP
- Primary technologies used: ASP.Net Core, C#, MVC, OOP, API Development, SOA, Web API, WCF, SOAP, REST, Visual Studio 2017 Enterprise, MSSQL stored procedures, entity framework, responsive design, Bootstrap, JavaScript, JQuery, HTML, LESS, TFS, GIT, GitLab, Trello, VersionOne, Jira, agile, scrum, Docker, container technologies, microservices architecture, DDD, TDD, CQRS, CI/CD

**Royal Web Designs**

Sep 2006 - Jan 2016

President and Lead Software Architect

- Developed a company that produced custom web software requested by clients
- Architected software requirement specifications and database diagrams
- Project managed a team of employees, contractors and interns with aim to deliver modular software incrementally until project completions
- Coded dozens of different types of software across diverse industries using different technologies
- Primary technologies used: ASP.Net, Web Forms, MVC, Classic ASP, PHP, CodeIgniter, MySQL MSSQL, JavaScript, JQuery, HTML, CSS, many third party APIs

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## Education

**University of East Stroudsburg**, East Stroudsburg, PA

- Computer Science, B.S.
- Computer Security, B.S.
- Business Management, Minor