

Mike Rosol

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Career Profile

Full stack software engineer with over 16 years of experience. Focused on new product development and architecture utilizing modern Microsoft technologies. Proven record of team leadership and delivering dozens of successful web applications and web services.

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 dozens of company user interfaces, APIs and microservices
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Experience

Le-Vel

Mar 2018 – Present

Lead Software Engineer on Microservices Team

- Migrating a legacy monolith system to a new modern elastic microservice architecture
- Redesigning a custom eCommerce platform to handle high-load traffic spikes
- Project management, 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

FS Solutions (Formerly FirstLab)

Mar 2013 – Nov 2014

Programmer Analyst

- Updated web forms applications to new mvc pattern
- Redesigned the user experience utilized Kendo UI
- Restructured architecture of internal and external user security
- Implemented generic and default settings for specific users, clients and roles across entire platform
- Primary technologies used: ASP.Net, C#, Web Forms, MVC, T-SQL, Stored Procedures, JavaScript, jQuery, Visual Studio, TFS, Telerik Kendo UI

Education

University of East Stroudsburg, East Stroudsburg, PA

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