



INNOVATION™  
FORCE

## Azure Full Stack Architect (Contractor)

### **PURPOSE:**

InnovationForce was launched to accelerate and simplify innovation execution.

Our mission is “Innovate for Good,” and we take great pride in helping our energy, telecom, transportation, manufacturing, and defense customers solve the world’s most complicated problems with the world’s first purpose-built SaaS-based platform automating and democratizing the entire innovation process.

InnovationForce is a place where people with diverse backgrounds, experiences, and perspectives collaborate on game-changing, important work. We know we have a unique opportunity to be a force for good in everything we do. From the way we work, develop our products, and deliver our services, we create what we affectionately call InnovationForce fields for good by helping our customers and partners simplify complex innovation and de-risk it with our intuitive platform, intelligent workflows and continually expanding use case library.

### **Who you are:**

- You’re intellectually curious, technology savvy, self-motivated, and driven to understand and execute on big picture ideas.
- You’re passionate about breaking down cultural barriers that prevent world changing ideas from coming to fruition.
- You’re passionate on enhancing the innovative execution of various industries.
- You’re driven to make a long-lasting positive impact in the world for the greater good of all.
- You’re driven to collaborate with a team to hole punch emerging ideas constructively to maximize innovative software features.
- Your code commits are envied.
- You’re flexible and willing to take on responsibilities to help move releases forward.
- You’re comfortable in a fast paced, highly dynamic, and ambiguous environment.

### **Job Description and Responsibilities:**

- Drive collaboration in a creative, innovative environment to design, develop, maintain, enhance, and deploy ASP.NET Core MVC code associated with the application and integration tiers of the InnovationForce platform.
- Drive and enhance the administration and operation of the InnovationForce Cloud Environment.
-



INNOVATION™  
FORCE

- Highly articulate in explaining technical topics to a technical and non-technical audience internally and externally.
- Managing the complete software development process from conception to deployment.
- Maintaining and upgrading the software following deployment.
- Managing the end-to-end life cycle for the production of software and applications.
- Overseeing and guiding the analyzing, writing, building, and deployment of software.
- Overseeing the automated testing and providing feedback to management during the development process.
- Modifying and testing changes to previously developed programs.
- Drive organizational alignment to the multi-year technology roadmap, support strategic and tactical initiative planning, evaluate new technologies, and oversee implementation of platforms, etc.
- Comfortable operating with limited day-to-day oversight.
- Be a passionate and flexible engineer, collaborate with your team to achieve and exceed the goal to build, deploy, monitor, and manage a highly performing and highly available production system.
- Construct and manage services published to both internal and external consumers.
- Implement platform level components including event architectures, messaging, and caching solutions.
- Enhance performance and reliability of our current solutions.

**Desired Skills and Experience:**

Bachelors or master's degree in Computer Science or Engineering or relevant work experience.

10+ years' experience in:

- Strong understanding of modern software architecture patterns and architectural principles
- Strong understanding of object-oriented principles and programming
- Strong understanding on operating system performance concepts
- Expert familiarity with numerous scripting languages and terminal / command line environments (Python, Ruby, Bash, Powershell, etc)
- C# .NET Front and Backend Development Experience
- Azure Environment Databases – SQL Server, Cosmos, PostgreSQL, MySQL or MongoDB
- XML and JSON
- HTML & Javascript
- Orchestration Services using Docker and Kubernetes
- Web Services – REST and SOAP
- Visual Studio Development Environment
- Performance Profiling Tools



INNOVATION™  
FORCE

- Test Driven Development.
- Continuous Integration Environment Experience.
- Expert Understanding of Code Versioning Tools (Git).
- Experience Provisioning and Configuring Linux and Windows Servers within Azure.
- Advanced understanding in implementing solutions using modern security and data privacy protection methods and frameworks, such as the NIST Zero Trust Framework.
- Follow software engineering lifecycle practices ensuring delivery of stable, scalable, maintainable, and highly available software products and services.
- Drive and engage a team in continuous improvement ensuring higher quality, productivity, and punctual delivery.
- Experience driving teamwork with an Agile/Scrum Team.
- Experience with design patterns that apply to enterprise grade cloud software services.
- Collaborative work style with other development and non-development team members.

**Would be helpful:**

- Prior experience in a rapidly growing technology company.
- Prior experience in platform performance optimization with respect to bursts in CPU, Storage, and networking.
- Prior experience in data modeling focused on optimizing ML / AI functions.
- Prior experience in an energy utility business environment.