

The **Senior Software Engineer** is a full-time position reporting to the Director of Software Development. The Senior Software Engineer position is to be a skilled Backend .NET / C# Developer responsible for designing, developing, and maintaining scalable, high-performance backend systems. The ideal candidate will have strong experience in building RESTful APIs, working with relational databases, and developing applications using the .NET framework.

Responsibilities:

- Design, develop, and maintain .NET backend services and APIs for enterprise web applications
- Write clean, well-tested, and maintainable code aligned with established engineering standards
- Contribute to technical decisions with a focus on scalability, performance, security, and long-term maintainability
- Translate complex business requirements into scalable and reliable software solutions
- Partner closely with frontend engineers (ReactJS) to deliver cohesive, end-to-end solutions
- Mentor other engineers and lead by example through strong engineering practices
- Identify technical risks and proactively recommend solutions

Skills Required:

- Bachelor's degree in Computer Science, Engineering, or related field
- 5+ years of professional experience developing enterprise-grade systems using .NET
- Strong experience with Entity Framework and SQL databases
- Experience building RESTful APIs and distributed systems
- Solid understanding of OOP principles, clean architecture, and domain-driven design
- Experience with unit testing (xUnit, Moq)
- Strong communication skills and ability to work cross-functionally

Additional Skills Desired:

- Experience with messaging systems (RabbitMQ, Kafka)
- Knowledge of HL7 FHIR standards and Healthcare IT systems
- Exposure with image analysis or thermography systems
- Experience with cloud platforms (Azure preferred)
- Containerization and orchestration experience (Docker, Kubernetes)
- Familiarity with CI/CD pipelines

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