



# FIKE REHMAN



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## OBJECTIVE:

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To obtain a senior level software development position with a high – technology organization where my skills are utilized in an atmosphere of continued individual and collaborative growth, achieving high degree of excellence and customer satisfaction is the topmost priority and the emphasis is on long term success and not on short term solutions.

## WORK EXPERIENCE:

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### Senior Software Engineer at Cargill,

Hopkins, Minnesota (July 2021 – Present)

As a member of a large software development team that was geographically distributed across several countries and time zones, developed and deployed a large-scale enterprise software system that unified and automated various functions of animal feed production for multiple species of farm animals at several Cargill plants located worldwide. The system stored data in a multi-region, multi-tenant, Azure Cosmos Database for low latency retrieval, resiliency and near real-time updates. The software backend API was built on the principles of REST architecture using ASP.NET Core, whereas the frontend user interface leveraged SPA architecture using Node.js and React JavaScript library.

#### **Tools, Platforms & Technologies:**

<i>Azure Cloud:</i>	Azure Cosmos DB, Azure Storage, Azure Functions, Azure Cognitive Services, Azure Service Bus, Azure DevOps
<i>Backend:</i>	Microsoft Visual Studio 2022, C#/.NET Core, .NET Framework 8.0, ASP.NET Core,
<i>Frontend:</i>	VS Code, React 18 / Typescript, Node.js, Materials UI and several other 3 <sup>rd</sup> party packages

### Senior Software Engineer at United Healthcare,

Minnetonka, Minnesota (September 2020 – June 2021)

Working as a member of the Product Readiness and Optimization team, provided support and maintenance for a variety of critical applications used by UHC's internal Sales and Marketing directors in their effort to rollout healthcare plans annually in every US State in a timely manner and with uncompromising accuracy. This entailed both bug fixes and feature enhancements through full application stack from database and backend APIs to the frontend UI changes.

#### **Tools, Platforms & Technologies:**

Microsoft Visual Studio 2019, Visual Studio Code, C#/.NET Core, .NET Framework, ASP.NET MVC, Git, TFS, Entity Framework/Entity Framework Core, SQL Server 2019, T-SQL, Vue.js, Javascript,

### Software Engineer III at National Cinemedia,

Minneapolis, Minnesota (January 2016–September 2020)

Working with a cross functional agile team with both local and remote members, successfully designed, developed, tested, and deployed components of a large enterprise software to the company's Data Center. Employing the latest technology stack from Microsoft, worked through all the components of a build pipeline including backend databases, web service API's, applications, and User interfaces. The software system developed is instrumental for the digital delivery, playback and monitoring of company's advertisement content known as the 'First Look Show' at more than 2000 movie theaters across the United States via satellite link.

#### **Tools, Platforms & Technologies:**

Microsoft Visual Studio 2019, .NET Framework/C#, .NET Core, ASP.NET, Azure DevOps, Azure Storage, Azure Service Bus, Azure IOT Hub, Azure functions, VSTS, Git, Web API, Entity Framework, Entity Framework Core, SQL Server 2016, RXJS, Angular 6/7.0, WPF

## **Software Engineer II at Smiths Medical N. America, Saint Paul, Minnesota. (January 2009 – January 2016)**

As a member of the larger "PharmGuard Server Infusion Management Software" development team, took leadership role in the establishment and approval of requirements for several critical components of this Class II medical device, multi-tier, multi-server software system. Once the requirements were approved, collaborated with a team of development and test engineers to design and build the software product that satisfied stringent requirements related to security, performance, scalability, data integrity and extensibility. The system employing a modular and service-based architecture, provided secure distribution of firmware and drug libraries to the connected devices as well as a set of reporting tools to analyze trends, compare against compliance goals, and measure infusion safety to make evidence-based practice decisions.

### ***Tools, Platforms & Technologies:***

Windows Server 2008/2012/ Windows 7, Microsoft Visual Studio 2012, .NET Framework 4.5/C#, WCF, OData, LINQ, Entity Framework 5.0, SQL Server 2008 R2/2012, VMware Workstation ver. 9.0, Perforce, DOORS, Fiddler, LINQPad

As a lead developer in the software globalization team, successfully globalized and then localized company's Medication Delivery Software System into nine different European languages, and Japanese language using internalization features available with Microsoft.NET framework. This effort for the globalization of the software product followed a strict delivery schedule and required effective coordination and communications among various development teams, as well as In-country translations reviewers spread across the globe. The project offered opportunities to participate in the development of several tools and processes to be used for future projects at this large and growing Medical Device organization.

## **PREVIOUS WORK EXPERIENCE:**

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**Software Engineer III at Teledyne Controls Inc. Saint Paul, Minnesota. (January 2008 – November 2008)**

**Advanced Software Engineer at 3M Corp. Saint Paul, Minnesota. (August 2006 – January 2008)**

**Software Engineer at Cyberoptics Corp. Minneapolis, Minnesota. (March 2000 – August 2006)**

## **EDUCATION:**

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**Master of Science in Software Engineering**  
University of St Thomas, St. Paul, Minnesota

**BS Manufacturing Engineering Technology**  
Minnesota State University, Mankato, Minnesota

## **TECHNICAL SKILLS:**

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- Demonstrated track record in software development with increasing responsibility, challenge, and advancement.
- In depth experience with Service Oriented Architecture, distributed systems, Object Oriented and SOLID design principles.
- Diverse background in full stack application development using various tools and technologies.
- Capability with various industry standard SDLC approaches, Agile development and Scrum, Iterative model etc.,
- Experience working in highly regulated industries; Medical Device, Aviation, Healthcare etc.
- Intimately familiar with modern software development practices; continuous integration, build pipelines, DevOps, unit testing, configuration management, version control.
- Experience with multi-threaded programming, Real-time hardware interaction, and effective GUI design.
- Passionate about emerging technologies, Artificial Intelligence, Cloud Computing, Internet of Things etc.
- Strong trouble shooting, analytical as well as organizational, communications and interpersonal skills.
- Strong involvement in the community, user groups, online forums, code camps etc.