

Sameer Mall

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EXPERIENCE

Senior Software Engineer <i>Corewell Health</i>	Apr 2024 – Present Grand Rapids, MI
<ul style="list-style-type: none">Transformed a real-time monolithic Java application into a scalable, cloud-native microservices architecture on AWS (Python Lambdas, Redis, PostgreSQL, API Gateway), significantly reducing downtime and boosting system scalability to handle 1 million transactions daily.Migrated messaging infrastructure from ActiveMQ to Apache Kafka across 12 microservices, implementing standardized event schemas and achieving reliable processing of 80K+ messages per hourLed development of a real-time claim editing application using .NET and Oracle, driving a 35% improvement in claims payment accuracy.Designed and deployed an AI-powered search application using Snowflake Cortex Search, integrating vector embeddings, LLM grounding, and Retrieval-Augmented Generation (RAG) to deliver accurate, context-aware answers from internal documentation.Mentored junior engineers on technical design patterns and coding best practices through weekly 1 on 1s.	
Software Engineer <i>Corewell Health</i>	Nov 2021 – Apr 2024 Grand Rapids, MI
<ul style="list-style-type: none">Supported and added features to over 200 applications used across the organization (PERL, C#, Java, SQL)Repeatedly recognized as Employee of the Month for resolving the highest number of support tickets among a team of 9 developers, demonstrating exceptional problem-solving and commitment to customer satisfaction.Constructed CI/CD pipelines using GitHub Actions for .NET and Python applications reducing deployment times by 4 hours per sprint cycleMaintained and added features to Priority Health's EDI application responsible for processing 18 million claims and enrollment transactions a year	
Full Stack Developer <i>PEC Technologies</i>	May 2019 – Nov 2021 Grand Rapids, MI
<ul style="list-style-type: none">Developed a cloud-based (Azure) custom software solution for a trucking company using Angular, .NET and MySQL, enabling seamless management of invoices, parts inventory, and user accounts, improving operational efficiency and reducing manual workload.Designed and developed a scalable e-commerce platform using ASP.NET Blazor, enabling the client to reach their \$2M monthly sales target by streamlining online transactions and integrating with payment and inventory systems.Actively work on and maintain 6 projects and mentor 2 software development interns	

EDUCATION

Calvin University, Grand Rapids, MI

Bachelor of Science in Computer Science and Minor in Business (Dean's List)

Leadership Mastermind, Grand Rapids, MI

Hosted by the CTO of Priority Health, this was a prestigious 10-month leadership development program designed to cultivate individuals who drive systems-level change.

SKILLS

Languages: C#, Python, PostgreSQL, TypeScript, HTML/CSS, .NET, IaC, LLM, RAG, Snowflake

Technologies: AWS CDK, Jenkins, Angular, React, Azure, AMQ, Docker, Kubernetes, Kafka