Gaurav Joshi

 gauravjoshi1 | gauravjoshi01 | gauravjoshi.me | joshi.gaurav.0910@gmail.com

EXPERIENCE

ISN   Dallas, TX
Senior Associate Software Developer   Jan 2025 - Present

- Developed SQL stored procedures to ingest **25K+** certification records from third-party regulatory agencies and training providers into ISNetworld
- Managed complex SQL deployments as part of a company-wide database CI/CD revamp reducing manual release efforts
- Modernized ISN email framework, introducing email batching and optimizing LINQ queries to deliver **10K+** emails within seconds without disruptions
- Optimized query performance across ISN bulletin boards, reducing bulletin delivery time for ISN clients from over **30 seconds** to under **2 seconds** for **50K+** bulletins across hundreds of contractors
- Designed and developed a proof-of-concept natural language worker querying engine for ISN contractors using Azure AI Search, Azure CosmosDB, and Azure OpenAI Foundry, winning **runner-up** at ISN hackathon out of 5 projects

Advanced Associate Software Developer   July 2023 - Dec 2024

- Contributed across the back end stack including revamping stored procedures, upgrading message queue contracts, building serverless functions and RESTful APIs to deliver training push notifications to Empower users
- Modernized ISN Quickchecks API Client from web services to **Entity Framework Core** alongside developing APIs that power **15K+** Quickchecks for ISN contractor workers across Empower
- Created extensive product usage docs for Empower APIs aligning with agile methodologies and SDLC best practices
- Contributed towards company-wide architectural rewrite for revamping ISN Trainings to deliver **2.5** million trainings across ISNetworld and Empower
- Built **SQL** queries, stored procedures to deliver multi-lingual app support to **25K+** users in Mexico and Canada

Nokia   Sep 2022 - Dec 2022
5G Engineer Intern   Coppell, TX

- Streamlined software upgrades and automated test reporting for T-Mobile LTE/5G radio products using the Nokia Automation Framework (NAF) and Power Query

ISN   Jun 2022 - Aug 2022
Software Developer Intern   Dallas, TX

- Developed web pages, APIs for a proof-of-concept Contractor Map Search engine using .NET MVC and AmCharts API

Mississippi State University   Feb 2020 - Sep 2020
Associate Security Analyst   Starkville, MS

- Identified attack vectors using the MITRE ATT&CK framework and helped improve threat intelligence for campus systems
- Developed Python scripts to analyze **200K+** logs for anomaly detection across multiple servers in the Threat Management Center

EDUCATION

The University of Texas at Dallas   Richardson, TX
Master of Science in Computer Science   Aug 2021 - May 2023

Mississippi State University   Starkville, MS
Bachelor of Science in Computer Science   Jan 2016 - Dec 2019

SKILLS AND CERTIFICATIONS

Backend & Cloud	C#, Java, .NET, Azure App Service, Azure Service Bus, Azure AI Search
Data & Storage	Azure CosmosDB, MongoDB, Microsoft SQL Server
Certifications	AZ-204 Azure Developer Associate, CodePath Android Developer