

SAUGAT SHARMA

Full Stack Software Engineer

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Professional Summary

Results-driven Full Stack Engineer with expertise in cloud ERP systems and enterprise applications. Demonstrated success in optimizing system performance, implementing cloud migrations, and developing robust purchasing modules. Skilled in both modern and legacy system integration with a focus on scalable architecture and efficient data processing.

Technical Expertise

- **Frontend Development:** Angular 10, TypeScript, React, HTML5/CSS3, ngrx/RxJS, Template-Driven & Reactive Forms
- **Backend & APIs:** .NET Core, C#, Java, Spring Boot, REST APIs, Microservices, Genero BDL
- **Database & Cloud:** SQL Server, Oracle, MongoDB, AWS Cloud Services, Docker Containers
- **Development Tools:** Git, CI/CD Pipelines, Test-Driven Development, Agile Methodologies

Professional Experience

TYLER TECHNOLOGIES

Full Stack Software Engineer

April 2023 - Present

Maine

- Spearheaded multi-tier cloud ERP purchasing application, integrating Angular frontend with TypeScript backend-for-frontend (BFF) and Genero 4GL backend, maintaining **100% ticket resolution rate**.
- Engineered high-performance .NET data processing layer, achieving **40% improvement** in query response times.
- Designed caching strategies and optimizations, reducing database load by **35%**.
- Implemented ngrx/RxJS state management, improving application reliability.
- Maintained and enhanced two legacy applications:
 - Full-stack Genero application with business logic and UI components.
 - Modern Angular/.NET Core application with Entity Framework and SQL Server.
- Established automated testing framework, achieving **85% code coverage**.

AMERICAN BUREAU OF SHIPPING

Full Stack Software Engineer

May 2022 - April 2023

Texas

- Reviewed business requirements and functional designs to ensure robust applications.
- Analyzed requirements and scenarios, driving suitable solutions in an agile environment.
- Rewrote legacy systems into microservices-based Spring Boot applications, reducing complexity and deployment time.
- Created pages from mockups using Angular 4, jQuery, CSS3, and HTML5.
- Developed RESTful APIs with JAX-RS for GET, POST, PUT, and DELETE operations.
- Authored PL/SQL procedures for database interactions and stored procedure execution.

Education & Certifications

- **B.S. Computer Science**
New Mexico Institute of Mining and Technology
(2022)
- **AWS Cloud Practitioner** (2023)
- **AWS Technical Accreditation** (2023)