Shrujal Bhandari

shrujalbhandari@gmail.com | +1 438 340 6001 | www.shrujalbhandari.in | linkedin.com/in/shrujal-bhandari

Education

Concordia University, MEng in Information Systems Security　　　　　　　　　　　**Jan 2024 – Dec 2025**
- **Coursework:** Database Security and Privacy, Operation System Security, Foundations of Cryptography, Software Project Management, Artificial Intelligence.

Darshan University, BEng in Computer Science　　　　　　　　　　　**Aug 2016 – Jun 2020**
- **Coursework:** Data structures and Algorithms, Operation Systems, Software Engineering, Discrete Mathematics, Computer Networks, Microprocessors and Real-Time Systems.

Experience

Cloud Software Developer, Dormakaba – Montreal, CA　　　　　　　　　　　**May 2025 – Current**
- Designed and implemented microservices in .NET 8 and C# for an enterprise access-control platform handling 10K+ daily requests
- Developed RESTful APIs for device configuration and audit logging, integrated with **Entity Framework** and **NHibernate** for **ORM** mapping.
- Increased test automation coverage for Dbengine from 8% to 41% using xUnit and Moq, embedding them into the CI/CD pipeline on **Jenkins.**
- Integrated **RabbitMQ** to handle event-driven workflows such as "Door Access Granted/Revoked" notifications between microservices.
- Leveraged **GitHub Copilot** to generate unit-test scaffolds and repetitive boilerplate, reducing development time and improving overall code quality and consistency.
- Utilized **Jenkins** for CI/CD, deploying feature branches, executing **unit tests**, and monitoring build health across multiple environments.
- Collaborated via **Git** (feature branches, pull requests, and code reviews) tracked in **Jira**, ensuring consistent code quality and smoother CI/CD pipelines.

Software Engineer, Synoverge – Ahmedabad, IN　　　　　　　　　　　**Feb 2020 – Dec 2023**
- Developed and maintained large-scale insurance applications for HDFC ERGO (*one of the biggest insurance providers of India*) using **.NET Core MVC, C#, SQL Server, Angular** supporting policy, claims, and payment workflows.
- Improved database performance by tuning stored procedures and rewriting complex joins, cutting report generation time from 2 min to under 45 sec
- Utilized **AWS** services, specifically focusing on log management using **log4net** and **CloudWatch** for centralized logging and monitoring on **Datadog**.
- Implemented unit and integration tests using MSTest, validating REST API endpoints, database queries, and business logic helping to catch defects early and improve code coverage.
- Designed responsive and user-friendly layouts using **HTML5, JavaScript, CSS** and **Bootstrap** ensuring seamless functionality across multiple platforms

Projects

Roommate Finder | .Net Core MVC, SQL Server, JS, HTML/CSS
- Developed a Roommate Finder Platform using ASP.NET Core MVC, enabling users to search for roommates and accommodations seamlessly.
- Implemented an N-tier architecture with MVC design to separate concerns between the presentation layer, business logic, and data access for improved maintainability and modularity.
- Integrated real-time email notifications to alert users about new listings and matches based on their criteria using SMTP configuration in ASP.NET Core MVC

Companies At Your Doorstep | .NET Web forms, SQL, JavaScript, HTML/CSS
- Developed a comprehensive Online Job Portal using ASP.NET Webforms, JavaScript, and SQL Server to streamline the job search and application process for users using N-tier architecture
- Utilized SQL Server to manage and store user data, job listings, and employer details efficiently.
- Used advanced search functionality to allow users to search for jobs based on various criteria such as job title, location, company, and salary range.

Technical Skills

Languages: C#, Python, C++, JavaScript, Typescript

Frameworks/Libraries: .Net Core, .Net MVC, .Net Webforms, Angular 18, AngularJS, NHibernate, Entity Framework, WCF, Web API, ADO.Net, LINQ, ReactJs, Flask, SQL, PostgreSQL, MySQL, Bootstrap, MSTEST, xUnit, Moq jQuery, HTML5, CSS3

Applications: Azure, Bitbucket, AWS, TFS, Jira, GitHub Copilot, ChatGPT, SonarQube, SonarCloud, Powershell Docker, Git, GitHub, Jenkins, SQL Server, PGAdmin, Oracle SQL Developer, Postman, RabbitMQ, Redis, Microsoft Office Suite, Figma.