

Shrujal Bhandari

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EDUCATION

Concordia University (GPA 3.4/4.3)

Masters in information systems security

Montreal, Canada

Jan. 2024 – Present

Darshan University (GPA 3.3/4.0)

Bachelor of Engineering Computer Science

Rajkot, India

Aug. 2017 – May 2021

EXPERIENCE

Software Engineer

Jun 2021 – Dec 2023

Synoverge Technologies

Ahmedabad, India

- Developed and maintained insurance domain applications using **.NET Core MVC, .Net Framework, Angular, SQL Server**. Optimizing stored procedures to improve query performance and reduce processing time by 30%. Followed SDLC and Agile methodologies for defect-free coding and enhancements with proper documentation for all processes.
- Designed and implemented a project from scratch using the **MVC architecture**, defining the entire structure and ensuring scalability and maintainability.
- Developed and deployed microservices-based features using **.NET Core**
- Built and consumed **RESTful APIs**, ensuring seamless integration between services, and performed API testing and debugging using **Postman**.
- Leveraged Azure Monitor and Application Insights to identify performance bottlenecks and improve service reliability.
- Leveraged **XUnit** for unit testing to deliver robust, production-ready systems, adhering to high-quality coding standards.
- Collaborated with cross-functional teams using **Jira** for project tracking, sprint planning, and effective task management, ensuring timely delivery of high-quality solutions.

Software Engineer Intern

Feb 2021 – June 2021

Synoverge Technologies

Ahmedabad, India

- Played a crucial role in optimizing database queries in **Stored Procedures, Views** and **Cursors** enhancing data retrieval speed and reducing processing time by 25% through efficient indexing and query restructuring (worked with India's biggest insurance provider project).
- Designed and implemented a complete HTML/CSS front-end layout for a project, ensuring a visually appealing and responsive user experience.

PROJECTS

Companies At Your Doorstep | ASP.Net Web forms, SQL, Javascript, HTML/CSS | [Link](#)

- 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 3-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.

Privacy Policy Analyzer Chrome Extension | Python (Flask), HTML/CSS, JavaScript | [Link](#)

- Developed a Chrome extension powered by LLM and Flask to analyze and rate website privacy policies, providing users with insights on data collection, sharing, and privacy practices.
- Implemented structured star ratings, detailed tabular analysis, and interactive navigation buttons for an intuitive user experience.
- Utilized HTML, CSS, JavaScript for the frontend and Flask with Python for the backend, ensuring seamless integration and real-time analysis.

RSA Cryptography Implementation | Python | [Link](#)

- Developed **RSA encryption, decryption**, and digital signature functionalities from scratch in **Python**, including key pair generation and secure communication.
- Implemented modular arithmetic using square-and-multiply for efficient and secure encryption/decryption processes.
- Enabled message authenticity verification through custom digital signature and signature validation methods.

TECHNICAL SKILLS

Programming: C#, C, C++, Python, HTML/CSS, JavaScript, jQuery

Frameworks/Libraries: .Net Core, .Net MVC, ASP.Net Webforms, ADO.Net, WebAPI, ReactJs, Angular, Flask, WCF, LINQ, SQL, MySQL, Bootstrap, xUnit.

Applications: Azure, TFS, DevOps, Jira, Docker, GitHub, Figma, SQL Server, Oracle SQL Developer, Kubernetes, Figma.

OS: Windows, Mac and Linux.

LEADERSHIP / EXTRACURRICULAR

Certifications: AWS Certified Cloud Practitioner (CCP)

Awards: Process Excellence Award (Synoverge Technologies – 2021)

Soft-Skills: Leadership, Data Analytics, Communication Skills, Problem-Solving, Adaptability

Professional Affiliations: Member of Conuhacks IX Organizing Committee (Biggest Hackathon of Quebec)