

EDUCATION

Northeastern University, Boston, MA

April 2023

Master of Science in Information Systems (GPA – 3.75)

Mumbai University – Sardar Patel Institute of Technology

June 2013

Bachelor of Engineering in Information Technology

CERTIFICATIONS and TECHNICAL SKILLS

Certifications: Microsoft Azure AZ-900, Professional Scrum Master**Programming:** C#, JavaScript, TypeScript, HTML, CSS, LINQ, Angular, GraphQL, Node JS, JQuery, BEM, SASS**Framework:** .NET, .NET Core, .NET MVC, REST API, SOAP API, Entity Framework, Bootstrap, WPF, NUnit, xUnit, Jasmine, Karma**Applications:** Visual Studio, Visual Studio Code, Git, GitHub, Postman, PowerShell, IntelliJ, NetBeans, Team Foundation Server**DevOps:** Git, CI/CD, Docker, Kubernetes, Azure (Containers, Kubernetes)**Databases:** SQL Server, MongoDB, PostgreSQL, SQLite, Redis

PROFESSIONAL EXPERIENCE

Senior Software Engineer, LexisNexis, United States

May 2023 – Present

- Proficient in developing applications using a diverse range of **front-end** and **back-end** technologies, with a focus on API development, utilizing **C#, .NET, Node.js, HTML, CSS** and **JavaScript libraries**, resulting in a **28% increase** in user session
- Developed and deployed **GraphQL** schemas to facilitate efficient data querying, reducing over-fetching and under-fetching of data resulted in a remarkable **34% enhancement** in API performance while optimizing data retrieval
- Effectively **upgraded Angular 12** project to **Angular 15**, ensuring seamless transition and compatibility with latest technologies, including successful **migration of Angular Material** components
- Leveraged **Angular** to create **responsive** front-end interfaces, resulting in a **20% increase** in page load speed and a **15% reduction** in user complaints about interface responsiveness, ultimately enhancing user satisfaction
- Applied **BEM** methodology alongside **SASS**-based **CSS** to promote modular and maintainable styling practices, enhancing development efficiency and codebase scalability in web projects by **33%**
- Conducted **comprehensive code reviews**, ensuring adherence to coding standards, security protocols, and established design patterns, resulting in a **18% prevention** in post-release defects and a **25% improvement** in overall code quality
- Leveraged **Redis** for storing frequently accessed data, resulting in an **80% increase** in application responsiveness through **reduced** database queries
- Enacted **Azure DevOps** to automate CI/CD pipelines, resulting in a **40% decrease** in deployment times, from **2 hours** to **1.2 hours** optimizing software delivery efficiency and reducing time-to-market
- Employed unit testing using **NUnit** and **xUnit** to ensure the reliability of software components, resulting in **85% reduction** in post-release defects
- Successfully integrated of applications with **Azure containers**, optimizing resource allocation and reducing infrastructure costs by **18%**
- Actively participated in Agile methodologies, contributing to **sprint planning, stand-ups, and sprint retrospectives**
- Created thorough **unit tests** for Angular components, services, and frontend modules using **Jasmine** and **Karma** to ensure functional validation
- **Mentor** junior developers, organize **knowledge-sharing** sessions for insights, best practices, and emerging technologies

Software Engineer and Cloud Services Co-Op, Motorola Solutions, Somerville, MA

May 2022 – Dec 2022

- Produced a resilient **C#, Angular** based application employing **MVC** and **MVVM**, resulting in higher improvement in application responsiveness
- Programmed **REST APIs** using **.NET Core** and validated their functionality with **95% test coverage** with Postman and Docker
- Utilized **Git, GitHub** for managing code repository and Azure for deployment, reducing deployment time by **28%** and minimizing downtime
- Orchestrated **Agile methodologies** with the **LeSS framework** and **Jira**, leading to increase in team productivity and on-time project delivery

Full Stack Developer, Tata Consultancy Services, India

Dec 2015 – Aug 2021

- **Collaborated** with cross-functional teams to **gather and define requirements**, leading to the successful prototyping for Dow Chemicals
- Engineered resilient and scalable **REST APIs** by developing robust backend code, showcasing expertise in **Entity Framework** within both **.NET Core** and **.NET Framework** resulted in a substantial improvement in overall system performance
- Built **Dependency Injection**, optimizing the application's architecture, contributing to a **25% reduction** in development time
- Conducted extensive database level **query optimization**, resulting in a **35% improvement** in query performance for SQL
- Resolved redirect issues for web applications, resulting in an **88% improvement** in application performance
- Integrated **SAP** interface through **APIs** in the application, implementing robust error handling mechanisms for improved functionality by **38%**
- Executed unit testing methodologies employing frameworks such as **NUnit** to guarantee the reliability and accuracy of software components
- Engineered captivating user interfaces using **Angular, HTML, Bootstrap, and CSS**, resulting in a **40% increase** in user engagement and a **25% rise** in average session duration on the platform
- Applied **DOM, JavaScript, and jQuery** extensively in project development, showcasing expertise in essential web development technologies
- Created applications using **NodeJS** and **MongoDB** to craft custom software solutions that met specified requirements
- Provided **24/7 customer support** for application with **25,000+** active users

Software Developer, Larsen and Toubro Infotech, India

July 2013 – Dec 2015

- Played a key role in gathering **requirements** and collaborated with cross-functional team for an Oil and Gas application for a multinational client
- Executed the development and implementation of an application leveraging the **.NET** web stack, including **C#, MVC, Entity Framework, and Bootstrap**
- Enforced comprehensive unit testing strategies with the **xUnit** framework, guaranteeing the robustness and precision of system elements
- Maintained the performance of an application with **5,000+** active users by providing them with **24/7 support** and addressing their queries