SOFTWARE ENGINEER | FULL STACK DEVELOPER

Accomplished Senior Software Engineer with **over 10 years** of experience specializing in **Angular**, UI architecture, and **.NET**. Skilled in leading development teams, optimizing application performance, and delivering top-tier software solutions. Demonstrated ability to utilize Angular's core principles, component-based architecture, and **RxJS** to create robust and maintainable front-end applications.

A published author and recognized Google Developer Expert in Angular, as well as a Microsoft MVP for Developer Technologies. Enthusiastic public speaker who has presented keynote speeches and technical sessions at more than 80 industry conferences, with a focus on Angular, .NET, and contemporary web development practices. Excellent communication and collaboration abilities, dedicated to enhancing user experiences through innovative solutions.

Demonstrates expertise in agile methodologies, test-driven development (TDD), and clean code practices, ensuring **high-quality** deliverables and efficient project execution. Excellent **problem-solving** skills and a proven ability to collaborate effectively with cross-functional teams to **understand and meet business requirements**.

KEY SKILLS

Full Stack Development | Software Design & Development | Coding | Debugging | Troubleshooting | Project Execution | Agile Methodologies | Cross-Functional Collaboration | Clean Code Practices | Team Management | Technical Leadership | Mentorship & Coaching | Visionary Leadership | Collaboration Culture

WORK EXPERIENCE

Senior Software Engineer | Cisco Systems | Aug'21 - Present

Technologies: Angular, NgRx

- Improved operational efficiency in support processes and enhanced software maintainability and performance.
- Led implementation of the proxy user feature in CX Cloud, allowing Technical Assistance Center (TAC) staff to access customer
 instances in read-only mode which improved issue investigation efficiency, reducing support resolution times significantly.
- Streamlined TAC's ability to investigate customer issues by implementing permission-based access control, resulting in a 6-month project turnaround and increased TAT reduction for customer support issues and improved customer satisfaction.
- Reduced code smells from 5,000 to <100, achieved 90% test coverage, and improved page load times to approx. 3 seconds
 while enhancing developer velocity in a year-long refactor.

Consultant | Luminescent Digital | Nov'20 - Jul'21

Technologies: Angular, NgRx, Angular Material

- Optimized front-end performance and user experience, ensured timely delivery of user interface components.
- UI Developer for an automobile domain product, focusing on building the client-side application using Angular, TypeScript, and Angular Material.
- Implemented state management using NgRx, leveraging store and effects to manage client-side state effectively.
- Improved test coverage to 60% by advocating for unit tests, resulting in increased speed and confidence for adding new features to the application.
- Implemented Angular's best practices, addressed memory leaks, and refactored code to enhance modularity, resulting in a page load time of under 3 seconds and significantly improving user experience.

Senior Member Technical | ADP | Aug'19 - Oct'20

Technologies: Angular, NgRx, ASP.NET, Web API, C#

- Full-stack developer working on time and labor management software (TLMI) for the HR Management domain, used by clients to process payrolls.
- Developed the UI using Angular and created Web APIs using ASP.NET to manage business logic and data flow.
- Enhanced payroll processing efficiency for clients.
- Maintained high-quality coding standards and best practices.

Senior Software Engineer | IVY Comptech | Feb'18 - Jul'19

Technologies: Angular, ASP.NET, Web API, C#, KonvaJS

- Delivered innovative visualizations for real-time sports data.
- Improved client engagement through enhanced product features.
- Developed products for the online sports betting industry, creating multiple labels for clients with Angular as the frontend and Web API to handle business logic.
- Utilized KonvaJS to implement 2D animations, visualizing live match statistics for various sports events.

Software Engineer | Mirabel Technologies India Private Limited | Nov'16 - Feb'18

Technologies: ASP.NET, Web API, C#, ¡Query, SQL Server

- Worked on the development of a pagination tool using ASP.NET and jQuery.
- Developed and managed Mirabel's magazine newsstand, utilizing ASP.NET MVC for scalable content delivery.
- Optimized content delivery systems for better user access, maintained system performance and reliability.

System Engineer | Tata Consultancy Services | Jul'14 - Nov'16

Technologies: ASP.NET, C#, jQuery, SQL Server

- Contributed to the development of telecom domain products using ASP.NET.
- Created automated tools using C# to assist the QA team, streamlining their processes and reducing manual efforts.
- Increased product development efficiency through automation.
- Enhanced overall product quality and reliability.

AWARDS, RECOGNITIONS, & PUBLICATIONS

- Google Developer Expert (GDE) for Angular: Recognized as a GDE by Google for contributions to the Angular technical community, promoting knowledge sharing and best practices.
- Microsoft Most Valuable Professional (MVP) for Developer Technologies: Awarded the prestigious Microsoft MVP title for outstanding contributions to the developer community through content creation, mentorship, and technical advocacy.
- **Published Author:** Authored three technical books that provide in-depth knowledge and practical guidance for developers:
 - o Blazor Quick Start Guide
 - o Learn C# Programming
 - o <u>Build a Full-Stack Web Application Using Angular & Firebase</u>
- Tech Blog Contributor: Regular contributor to leading technical blogs:
 - o Syncfusion Blog
 - o Ankit Sharma Blogs

TECHNICAL SKILLS

Languages: C# | TypeScript

Web Technologies: Angular | JavaScript | Node.js | HTML | CSS

Tools & Platforms: Git | Jenkins | Circle CI | SQL Server | .NET | Web API | GraphQL | Azure | Firebase | MongoDB

Methodologies: Agile methodologies

EDUCATION

Bachelor of Engineering (Computer Science and Engineering) | Siddaganga Institute of Technology | 2014