SUNIL SINGH
SENIOR SOFTWARE ENGINEER

SKILLS

Languages & Frameworks

- C#, .NET Core (3.1 / 9.0), ASP.NET MVC/Core
- Web API, Entity Framework Core, LINQ
- JavaScript, TypeScript, Node.js, Express.js

Frontend Development

- AngularJS, Angular 18, React.js
- HTML5, CSS3, Bootstrap, Tailwind CSS, Material UI

Mobile App Development

- Ionic Framework
- React Native (Basic Exposure)

Database Technologies

- SQL Server, MongoDB, MySQL, DynamoDB, PostgreSQL, Oracle
- Database Design, Migration, Optimization, Security

Cloud & DevOps

- AWS (EC2, S3, Lambda, RDS, CloudWatch),Azure (App Services, Blob Storage, Azure Functions, Azure DevOps)
- Firebase Hosting, Docker, GitHub Actions, CI/CD Pipelines

TECHNICAL SUMMARY

Senior Software Engineer with 15+ years of experience in developing scalable web, mobile, and cloud applications. Expert in C#, .NET Core, Angular, RESTful APIs, and third-party integrations. Skilled in system architecture, cloud deployment (AWS, Azure), and database design with SQL Server and MongoDB. Proven ability to lead end-to-end solutions with strong communication and problem-solving skills.

PROFESSIONAL EXPERIENCE SUMMARY

- Over 15 years of experience in designing, developing, and deploying scalable web and cloud-based applications using .NET Core, Angular, RESTful APIs, and modern development practices.

- Strong expertise in full-stack development, working extensively with C#, .NET Core (3.1/9.0), Entity Framework Core, LINQ, and Angular 18, with solid front-end development using Bootstrap, Material UI, and Tailwind CSS.

- Proficient in cloud deployment and DevOps, including AWS (EC2, S3, Lambda), Azure (App Services, Functions, DevOps Pipelines), Docker, GitHub Actions, and Firebase Hosting.

- Skilled in database design, optimization, and security using SQL Server, MongoDB, and MySQL, ensuring high performance and reliability of enterprise systems.

- Experienced in integrating third-party APIs and services such as Amadeus, Priceline, Stripe, Twilio, SignalR, and Google Maps API for real-time and transactional features.

- In-depth understanding of software development lifecycle (SDLC), object-oriented principles (OOP), and design patterns like MVC, MVVM, Dependency Injection (DI), and Microservices.

- Proven ability to deliver high-quality solutions in Agile/Scrum environments, collaborate across cross-functional teams, and drive projects from concept to deployment with strong client focus.

Third-Party Integrations

- Amadeus (Flight API), Priceline, Stripe, Razorpay, Twilio,
- Firebase Auth, Google Maps API, SendGrid, SignalR (Real-Time Communication)

Architecture & Patterns

- MVC, MVVM, Microservices, RESTful APIs, Dependency Injection (DI)
- Inversion of Control (IoC), Repository Pattern, Singleton

Additional Technical Skills

- API Design & Integration, Cross-Platform Development, Agile/Scrum
- Software Deployment, Unit Testing & Debugging, Performance Optimization

EDUCATION

Master of Computer Applications (MCA)
Indira Gandhi National Open University (IGNOU)
2010 – 2013

Bachelor of Computer Applications (BCA)
Guru Nanak Dev University (GNDU), Pathankot
2007 – 2010

LANGUAGES

- English (Fluent)
- Hindi(Native)

WORK HISTORY

Freelancer - Senior Software Engineer
12/2019 - Current

- Developed and deployed cloud-based web applications using .NET Core, Angular, MongoDB, and RESTful APIs.
- Integrated third-party services like Amadeus, Priceline, Stripe, and SignalR for real-time and transactional systems.
- Deployed scalable solutions on AWS (EC2, S3, Lambda) and Azure App Services with Docker and CI/CD pipelines.
- Collaborated with clients on architecture, requirements, and agile delivery of high-quality software.

Eminence Technology Pvt Ltd - Senior Software Engineer
Mohali, Punjab • 01/2014 - 10/2019

- Led development and maintenance of client-facing applications in an Agile environment.
- Collaborated with teams to resolve issues and deliver scalable solutions.
- Improved system performance through optimization and testing.
- Participated in sprint planning, reviews, and client discussions.

Pugmarks Interweb Pvt Ltd - Software Engineer
Chandigarh, Chandigarh • 09/2010 - 01/2014

- Delivered end-to-end software solutions from requirement gathering to deployment and support.
- Worked closely with clients to align technical output with business goals and user needs.
- Handled full lifecycle implementations, including updates, bug fixes, and version rollouts.

PROJECT HISTORY

CRUISEWEB

Description: A comprehensive cruise booking platform that allows users to search, filter, and book cruises worldwide. Designed to offer a seamless and personalized travel planning experience without booking fees.

- Supports advanced filters by destination, cruise type, and price
- Provides detailed cruise itineraries and a user-friendly booking flow

URL: https://cruiseweb.com/
Technology Used: Vb.net, MySQL, LINQ, entity framework.

Content Management System

Description: Developed a dynamic, multi-language CMS allowing users to manage content and create custom page layouts without coding.

- Supports multi-site and multi-language content
- Used across educational, ticketing, and portal-based websites

http://tvoroyrarskuli.fo
http://sandportal.fo/
http://billett.fo/
Technology Used: MVC, C#, Nhibernate, jQuery, Html5, bootstrap3 etc.

ZEYAR SOFTWARE

Description: Hospital management system with modules for patient records, doctor appraisals, staff data, and leave tracking.

- Enables centralized access to medical and administrative data
- Streamlines staff evaluation and HR operations
- Designed for multi-role access and secure data handling

Url : https://www.zeyar.com.au/
Technology Used: C#.Net 4.0,MVC 4, WCF,LINQ ,MS-SQL Server 2012,Javascript, JQuery

CREWPLANNER

Description: Workforce planning tool for recruitment, scheduling, time tracking, and payroll integration.
Supports digital contracts and real-time tracking
Used across hospitality, logistics, and event staffing

Technology Used: .Net Core 8, Angular 12+, MSSQL

DECLARATION

I hereby declare that all the statements made in this CV are true and correct to the best of my knowledge. My top priority is to serve your organization with full dedication and to give my best effort in every responsibility entrusted to me.

Sunil Singh