

# Anup Singh

## Full Stack Software Engineer

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### SUMMARY

I am a Senior Full Stack Software Developer with over 12 years of experience in delivering software solutions across various industries. My expertise includes full-stack development, project management, and team leadership. I have successfully managed migration projects to new technologies and have a proven track record of problem-solving and collaborating effectively with cross-functional teams. I work well in dynamic, agile environments and am committed to delivering high-quality results while focusing on client needs and ensuring project success.

### EXPERIENCE

Senior .Net Software Engineer  
[CareerBuilder.com](#)

📅 06/2020 - Today

- Led a team of 5 engineers, driving skill development, ensuring code quality through reviews, and optimizing projects to meet evolving requirements.
- Contributed to the Talent Discovery Platform, delivering innovative solutions and services to enhance employer and recruiter experiences.
- Create 'Pay Per Resume' and 'Pay for Performance' models, boosting client retention and increasing revenue by 10%.
- Help save revenue by 20% by improving Quota validation, reducing AWS costs, and cleaning up more than 57 million data.
- Led the implementation of Accessibility WCAG 2.1 across all projects and enhanced website accessibility to increase the user base.

Senior .Net Developer  
[Admiral Technologies \(Inspop.com\)](#)

📅 11/2015 - 06/2020

- Enhanced projects with API Integration from scratch with minimal resources, leading initiatives to meet client and business requirements.
- Guided the team in skill upgrades for new requirements and introduced test-driven development, which reduced bug occurrence by 27%.
- Redesign projects from legacy technologies to .NET Core and Angular, and migrated N-Tier applications to microservices architecture.
- Launched key projects including Wakeel.com, Multiproduct, and Viajes, that helped expand service offerings by 12%.

Junior C# Developer  
[E2E Research Services Pvt. Ltd](#)

📅 11/2013 - 11/2015

- Implemented a data-fetching automation system in NodeJS that reduced weekly report generation time from 5 hours to 30 minutes.
- Handle top revenue-generating projects, Microservices, and Frameworks.
- Develop survey-based web projects and a cycle-training project.

Web Developer, [GIIT Pvt. Ltd](#)

📅 01/2012 - 11/2013

- Freelancer on the .NET platform with more than two clients.
- Successfully delivered multiple projects utilizing C# and JavaScript.

VB programmer, [Aptara Pvt Ltd](#)

📅 01/2011 - 12/2011

- Worked on PDF productions using XML and VB, providing Windows applications to ensure quality.
- Provide support to the team to convert XML to PDF documents.

### KEY ACHIEVEMENTS

**Contributor badge at Hackathon:**  
Developed revenue-generating ideas during CareerBuilder's Hackathon and earned a contributor badge for impactful contributions.

**Data cleanup and optimization:**  
Received client and team appreciation for cleaning up 57 million data records by developing a background-running application.

**Star Performer of the Year:**  
Awarded runner-up for "Star Performer of the Year" at Admiral Technologies

**Developer of the Year:**  
Developer of Year-2015 in E2E Services Pvt Ltd.

### SKILLS

*Backend:* C#, ASP .Net, MVC, .NET Core, NodeJS, NestJS, Entity Framework

*Frontend:* Angular, React, Typescript, JavaScript, HTML, Sass, CSS

*Database:* MS SQL Server, MySQL, PostgreSQL

*Cache:* Redis, Memcached, RabbitMQ

*Cloud:* AWS, Docker, IIS server hosting

*CI-CD:* Jenkin, GitHub

*Other:* Microservices, Code Debugging, Test Driven Development, GRPC, Code Review

### EDUCATION

Master of Computer Applications (2012)  
Sikkim Manipal University

Diploma - Software Engineering (2011)  
Aptech Education

Bachelor of Arts (2010)  
Maharshi Dayananda University

12th with PCM (2005)  
K. V. Babina Cant., C.B.S.E

10th (2002)  
K. V. Jalandhar Cant., C.B.S.E

## PROJECTS:

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### Talent Discovery Platform

**Technologies:** ASP.Net, .NET Core, NestJS, Angular 17, Redis, MS SQL Server, MySQL, PostgreSQL, AWS Lambda, SNS, SQS, S3, Jenkins, Sass, HTML5, Typescript, JavaScript.

**Description:** Enhanced a comprehensive platform with semantic search for candidates, messaging, and job management solutions, integrating with Applicant Tracking Systems (ATS) for seamless candidate management.

#### Role:

- **Full-Stack Development:** Developed and maintained scalable front-end and back-end code, ensuring seamless platform functionality.
- **CI/CD & Cloud Management:** Led AWS Cloud (Lambda, SNS, SQS, S3) and Jenkins deployments, ensuring reliable continuous integration and delivery.
- **Code Quality & Collaboration:** Conducted code reviews and collaborated with cross-functional teams to optimize performance and maintain best practices.
- **Leadership & Mentorship:** Mentored 5 engineers, fostering skill development and optimizing projects to adapt to evolving requirements.
- **Business Impact:** Innovated 'Pay Per Resume' and 'Pay for Performance' models, increasing client retention and boosting revenue by 10%.
- **Cost Optimization:** Reduced AWS costs by 20% and improved operational efficiency by cleaning up 57 million data records.
- **Accessibility & Inclusion:** Implemented WCAG 2.1 standards, improving website accessibility and expanding the user base.

### Wakeel.com

**Technologies:** Razor Pages (.NET Core), Angular, Web-API, RabbitMQ, Entity Framework Core, SQL Server 2016

**Description:** An insurance comparison platform designed for the Gulf and MENA regions, enabling users to fetch quotes, manage customer journeys, and oversee user accounts seamlessly.

#### Role:

- **Requirements Analysis & Documentation:** Collaborated with clients to gather requirements and participated in creating clear, concise client documentation.
- **Build & Version Control Management:** Managed build tasks, TFS branch code, and facilitated version control, ensuring smooth integration and deployment processes.
- **Mentorship & Knowledge Sharing:** Provided peer mentoring for team members on new technologies, fostering continuous learning and skill development.
- **Full-Stack Development:** Added and enhanced Angular front-end, Web API services, and Razor Pages, improving platform functionality and user experience.
- **Core Library Maintenance:** Maintained and updated core and data-contract libraries, ensuring scalability and robust data handling.

### Rastreator.com

**Car Price Comparison Project:** A car selling, buying, and booking platform, providing users with car listings from multiple providers, personal loans, and rental options.

**Telephony Project:** A project offering mobile and internet plan comparisons, enabling users to explore plans from multiple providers.

**Technologies:** .NET Core, Razor Pages, Angular, SQL Server 2014, Redis, Microservices Pattern, RabbitMQ, IIS Server, and Implementation of domain-based Architecture with Vertical Slicing.

#### Role:

- **Feature Development:** Designed and developed key features for car listings, loan systems, and car rentals, driving business operations and customer engagement across multiple domains.
- **Customer Journey Optimization:** Improved customer journey projects, including mobile and internet plan comparisons, improving user experience and decision-making.
- **Project Leadership:** Led build management, sprint planning, and task allocation, ensuring on-time delivery of features and smooth project progress.
- **Legacy System Modernization:** Migrated legacy projects to modern technologies, enhancing system performance and maintainability.
- **Code Quality & Collaboration:** Conducted code reviews and collaborated with cross-functional teams to ensure high-quality, scalable software solutions.

### Projects at E2E Services Pvt Ltd

**Guardian Survey-Summary:** A brand tracking portal used by The Guardian to display brand comparisons and survey data visualizations for the UK, US, and Australia.

**Cycle-Learning Project:** A portal for cycle-training organizations in London to register users and track their performance, including a survey for learning level determination.

**MIS (Management Information System):** An internal project for E2E Research Services to manage HR, leave, task, and project systems.

**Technologies:** ASP.Net 4.5, JQuery, AngularJS, ChartJS, D3.js, SQL Server 2012, Web API 2

#### Role:

- **Full-Stack Development:** Expanded, debugged, and troubleshooted features for portals across front-end and back-end, using technologies such as ASP.Net, JQuery, and AngularJS.
- **User Experience Improvement:** Enhanced user experience through the research, development, and implementation of new features and functionalities.
- **Data Visualization:** Integrated tools like ChartJS and D3.js to provide advanced data visualizations for survey and performance metric