# Anup Singh

Full Stack Software Engineer

Portfolio: [<https://onu-khatri.github.io>](https://onu-khatri.github.io)

## SUMMARY

A results-driven Senior Full Stack Software Developer with **12+ years of experience** delivering innovative software solutions across diverse industries. Having expertise in **full-stack development**, **project management**, and **team leadership**, with a proven ability to manage technology migrations and solve complex problems. Skilled at collaborating with cross-functional teams in **dynamic, agile environments**, ensuring high-quality deliverables aligned with client needs. Committed to driving project success through technical excellence, user-focused solutions, and effective leadership.

## EXPERIENCE

### Senior .Net Software Engineer

CareerBuilder.com  06/2020 - Today

* Led a team of 5 engineers, ensuring skill development, code quality, and project optimization.
* Enhanced employer and recruiter experiences by contributing to the Talent Discovery Platform.
* Developed 'Pay Per Resume' and 'Pay for Performance' models, increasing revenue by 10%.
* Reduced AWS costs and cleaned 57M+ data, saving 20% in revenue through quota validation improvements.
* Implemented WCAG 2.1 standards, improving website accessibility and expanding the user base.

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### Senior .Net Developer

Admiral Technologies (Inspop.com)  11/2015 - 06/2020

* Built API integrations with minimal resources, aligning with client and business needs.
* Introduced test-driven development, reducing bugs by 27%, and guided team skill upgrades.
* Modernized legacy projects by redesigning with .NET Core, Angular, and migrating to microservices.
* Delivered key projects (Wakeel.com, Multiproduct, Viajes), expanding service offerings by 12%.

### Junior C# Developer

E2E Research Services Pvt. Ltd  11/2013 - 11/2015

* Automated data fetching in NodeJS, cutting report generation time from 5 hours to 30 minutes.
* Managed top revenue-generating projects, microservices, and frameworks.
* Developed survey-based web projects and a cycle-training application.
* Create a reporting project for theguardian.com and integrate D3.JS to create the dynamic charts

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*Medium* **:** <https://medium.com/@onu.khatri>

KEY ACHIEVEMENTS

* Earned **Contributor Badge** at CareerBuilder's Hackathon for developing revenue-generating ideas.
* Received **client appreciation** for cleaning 57M+ data records via a background-running application.
* Recognized as **Star Performer of the Year (Runner-Up)** at Admiral Technologies.
* Awarded **Developer of the Year (2015)** at E2E Services Pvt Ltd.

## SKILLS

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

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

*Database*: MS SQL Server, MySQL, PostgreSQL

*Cache*: Redis, Memcached, RabbitMQ

*Cloud*: AWS Cloud, IIS server hosting, Docker

*CI-CD*: Jenkin, GitHub

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

## EDUCATION

Master of Computer Applications – 82%

Sikkim Manipal University - 2012

(Rohtak, HR, India)

Diploma - Software Engineering

Aptech Education (Delhi, India) - 2011

Bachelor of Arts – 60%

Maharshi Dayananda University - 2010

(Rohtak, HR, India)

12th with PCM – 62%

K. V. Babina Cant., C.B.S.E

(Jhansi, MP, India)

10th (2002) – 72%

K. V. Jalandhar Cant., C.B.S.E

(Jalandhar, Punjab, India)

## PROJECTS:

### Talent Discovery Platform

Technologies**:** ASP.Net, .NET Core, NestJS, Angular 17, Redis, MS-SQL Server, MySQL, PostgreSQL, Typescript, AWS Services (Lambda, SNS, SQS, S3, ECS), Jenkins.

Description**:** Enhanced a talent discovery platform with semantic search, messaging, and job management solutions, seamlessly integrating with Applicant Tracking Systems (ATS) for efficient candidate management.

Key Contributions**:**

### Full-Stack Development: Designed and maintained the scalable front-end and back-end systems to ensure robust platform functionality.

### CI/CD & Cloud Management: Managed AWS services (Lambda, SNS, SQS, S3) and Jenkins CI/CD pipelines, delivering reliable deployments.

### Leadership & Mentorship: Guided and mentored a team of 5 engineers, fostering skill development and ensuring timely delivery of high-quality solutions.

### Business Impact: Introduced 'Pay Per Resume' and 'Pay for Performance' models, increasing client retention and driving a 10% revenue boost.

### Cost Optimization: Reduced AWS costs by 20% and enhanced efficiency by cleaning and optimizing 57 million data records.

### Accessibility & Inclusion: Implemented WCAG 2.1 standards, improving accessibility and expanding the platform's user base.

### Code Quality & Collaboration: Conducted code reviews and collaborated with cross-functional teams to uphold best practices and optimize performance.

### 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.

Key Contributions**:**

* Requirements Analysis: Collaborated with clients to gather requirements and create clear documentation for implementation.
* Build & Version Control: Managed TFS branch code, build tasks, and version control for seamless deployments.
* Mentorship: Guided team members on new technologies, fostering continuous learning.
* Full-Stack Development: Improved Angular front-end, Web API services, and Razor Pages for enhanced functionality and user experience.
* Core Library Maintenance: Updated core libraries to ensure scalability and efficient data handling.

### Rastreator*.*com

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

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.

Key Contributions**:**

* Feature Development:  Engineered core features for car listings, loan systems, and car rentals, driving business operations and improving customer engagement.
* Customer Journey Optimization: Enhanced user experience for mobile and internet plan comparison tools, streamlining customer decision-making processes.
* Project Leadership: Spearheaded build management, sprint planning, and task allocation, ensuring timely delivery of features and seamless project execution.
* 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

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

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.

Key Contributions**:**

* Full-Stack Development: Expanded and debugged portal features across front-end and back-end using ASP.Net, JQuery, and AngularJS.
* User Experience: Improved UX by researching, developing, and implementing new features and functionalities.
* Data Visualization: Integrated tools like ChartJS and D3.js for advanced survey and performance metric visualization