

# Nitesh Kumar Singh

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## PROFILE

Full stack software developer with 3+ years of experience in designing and implementing scalable, high performance applications in Agile environments.

## SKILLS

- **Frontend** - HTML, CSS, JavaScript, Angular, TypeScript
- **Backend** – .Net, C#, Microservices, REST APIs, SignalR, WebSocket, Concurrency, Multithreading
- **DevOps** – Azure DevOps, CI/CD
- **Database** – SQL, PostgreSQL, NoSQL, MongoDB
- **Cloud Technologies** – Azure
- **Others** – SDLC, Agile, OOPS, SOLID Principles, Distributed Systems, Data Structures, Algorithms, Design Patterns, Event-Driven Architecture, AI Agents

## EXPERIENCE

Software Engineer 1

Precisely Automate Evolve

Precisely | September 2024-Present

- Implemented an Intelligent Autocomplete feature in Precisely's Automate Evolve platform by integrating custom LLM training on user-uploaded data, enabling context-aware field predictions with confidence scoring for enhanced form automation improving form completion speed by ~40% and accuracy by over 85%.
- Integrated GraphQL support into Precisely's Automate Evolve forms, improving data query efficiency by over 50% and boosting enterprise adoption, including major clients such as Shopify.
- Successfully closed over 100 escalation issues in a single cycle resulting in being recognized as Performer of the Month and getting Precisely Spot Award for July 2025.

Software Engineer 1

Maintenance Window Management (MWM)

SLB | September 2022-September 2024

- Architected and developed a microservices-based solution to manage patching and maintenance for over 20,000 Windows and Linux servers, significantly improving downtime coordination and patching efficiency.
- Implemented user sign-in functionality using OAuth 2.0 with Microsoft Azure.
- Engineered scalable APIs for MWM patch synchronization, achieving 88% patch and 92% reboot success.
- Created an automated alert system using SendGrid to notify users of patching activity outcomes, achieving a 50% reduction in troubleshooting time for the operations team.
- Designed and developed a user-friendly maintenance page with a "Notify Me" feature, providing real-time updates to 55,000+ users and managing 12,000 daily visits.
- Designed an Angular Single Page Application (SPA) to monitor application's cloud modernization journey, resulting in a 40% increase in productivity for the cloud teams.
- Resolved bugs, code smells, and security vulnerabilities, enhancing overall code quality by 95%

## PROJECTS

**Real Time Chat Application** [\[Live Application\]](#) [\[Github\]](#)

Demo – [\[Link\]](#)

**Tech Stack** - Angular, .Net, WebSocket (SignalR), Typescript, SQL

- Built a dynamic and responsive frontend for real time chat application using Angular.
- Developed the backend using .Net to manage core application functionality.
- Enabled real-time messaging, typing indicators, and group chat features through WebSocket communication (SignalR).

## EDUCATION

Bachelors of Engineering – Computer Science & Engineering  
Chandigarh University, Chandigarh

May 2022  
CGPA – 8.38