

# Saurabh Singh

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## Experience

### Concentrix

Dec 2025 – Present

#### Software Engineer II

Kitchener, ON

- Implemented microservices architecture using Node.js and Express, improving API response time by 25% and reducing server load by 30%.
- Led a cross-functional team in implementing a new feature using React and Redux, resulting in a 20% increase in user engagement within the first month.
- Optimized MySQL database queries, reducing page load times by 15% and enhancing overall application performance.
- Developed a cross-cutting layer code, optimizing developer efficiency by reducing code duplication, increased team productivity by 40%.

### Invental Data Labs

Apr 2022 – Dec 2025

#### Software Engineer

Surat, Gujarat

- Designed and implemented responsive user interfaces with Angular, leading to a 15% improvement in user satisfaction scores.
- Introduced automated testing processes with Jest and Enzyme, increasing test coverage by 30% and reducing post-release defects by 25%.
- Contributed to the adoption of agile methodologies, utilizing Jira and Confluence, improving team productivity by 15% through iterative development cycles.
- Successfully delivered before schedule, reducing report access time by 30%

### Gateway Group of Companies

Jan 2021 – Apr 2022

#### Software Engineer

Surat, Gujarat

- Constructed a 3-layer grid system using Angular same as Data-table from scratch.
- Improved code quality and reduced technical debt by writing comprehensive unit tests, consistently maintaining over 90% code coverage.
- Built reusable components and services that improved code efficiency by 20%
- Designed custom dashboards and data visualizations using D3.js and Highcharts.js, improving data insights and decision-making capabilities by 50%.

## Education

### CHARUSAT

Jul 2019 - Jul 2021

#### Masters of Computer Applications (GPA: 4.00 / 4.00)

Changa, Gujarat

- **Relevant Coursework:** C#, .net framework, .net core, Microservices, Data Structures and C++, Python, Angular, SQL, React, Java

## Projects

### Smart Seeker | *react.js, node.js, GraphQL, MongoDB, Firebase, Azure, GitHub*

- Created a platform to help job seekers find job opportunities and employers post job openings in a streamlined, user-friendly environment.
- Employers can post job openings with detailed descriptions, requirements, salary range, and benefits.

### MyCarApp | *Asp.net MVC, SQL Server, WebAPIs, Stripe Payment Gateway*

- Simplified the process of buying, selling, and renting cars through a web application.
- Feature to compare different cars side-by-side based on specifications, price, features, and ratings.

## Technical Skills

**Languages:** C#, Python, JavaScript, C++, Java, Ajax, GraphQL, Redux.js, PHP, Html, CSS, SaaS, Kotlin, TypeScript, R, Dart

**Technologies:** React.js, Angular, Express.js, TensorFlow, jQuery, Bootstrap, Laravel, ASP.NET, Node.js, Android SDK, SQL Server, Microservices

**Concepts:** Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, API, Database Normalization, Cloud Computing