

# Gokul Khatri

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## SUMMARY

Results-oriented software developer with hands-on experience in software development using .NET, C#, and relational databases. Proficient at transforming ideas into impactful solutions, crafting robust services, and enhancing product features.

## EXPERIENCE

### Junior Software Developer

Janata Technology | Kathmandu, Nepal

March 2021 - December 2021

- Actively collaborated with senior developers throughout the design, development, and testing phases of a .NET framework-based web application, fostering synergy and accelerating project delivery.
- Leveraged C# to engineer backend for ride share applications to handle data processing tasks such as ride request, driver matching and fare calculations, thereby ensuring a reliable and efficient backend system.
- Teamed up with the AppDev department to implement transformative efficiency enhancements in database queries, slashing query execution time by 15% and elevating overall application performance.
- Created and maintained RESTful APIs using ASP.NET Web API, facilitating seamless communication between front-end and back-end systems, thereby enhancing interoperability and scalability.
- Integrated third-party services such as payment gateways and email delivery services, enhancing application functionality and user experience while ensuring seamless integration with existing systems.

## PROJECTS

### Ecommerce App (C#, JavaScript, HTML, CSS, SQL)

<https://github.com/Gokulzz/eCommerceApp>

January 2024 -April 2024

- Implemented payment system using stripe API and used Redis cache and pagination to speed up the product retrieval faster by more than 50%.
- Containerized the application with Docker and employed RabbitMQ as a message queuing service to manage the notification service for successful order placement.
- Enhanced product search functionality by implementing Elastic Search, improving search accuracy and performance.

### Doctor Appointment Web App (MongoDB, Express.js, React.js, Node.js)

<https://doctorappointment-front.onrender.com/>

February 2024- April 2024

- Executed a robust scheduling system allowing patients to easily book appointments with preferred doctors based on availability.
- Created an admin panel for doctors to manage patient appointments, update availability and track appointment history efficiently.

### Real Time Chat Application (C#, .NET)

<https://github.com/Gokulzz/DemoChatApp>

August 2023 - September 2023

- Utilized the SignalR library to build the real time messaging system.
- Added the authentication using the JWT token and role-based authorization.

## EDUCATION

### Associate Degree in Software Engineering (GPA- 4.0)

April 2024

**Relevant Courses:** OOP with C#, Java, Advanced Database Concepts, Web Interface Design, Data Structure and Algorithms  
**Centennial College of Arts and Technology** • Toronto, Ontario

## CERTIFICATIONS

### Fundamentals of Cloud Computing Using Azure

Coursera • 2024

## SKILLS

**Languages:** C#, Java, JavaScript,Python

**Databases:** MS SQL Server, MySQL

**Unit Testing:** xUnit, NUnit

**API Development:** ASP.NET Web API, Swagger

**Principles:** OOP, SOLID

**IDE:** Visual Studio, VS Code

**Frameworks:** ASP.NET Core, .NET Core, Entity Framework

**Version Control:** Git, GitHub

**Agile Method:** Scrum, Kanban

**Web Technologies:** JSON, XML, REST

**Containerization:** Docker