

Aayush Timalsina

aayushtimalsina2@gmail.com | timalsinaaayush.com.np | [LinkedIn](#) | [GitHub](#) | (+977) 9849045119

Technical Skills & Certifications

Languages: C#, JavaScript, TypeScript, Python

Frontend Technologies: React.js, HTML5, CSS3, Tailwind CSS, Chart.js

Backend Technologies: ASP.NET Core, RESTful API Development, Entity Framework Core, PostgreSQL

DevOps & Tools: Docker, Git, GitHub

Cloud & Databases: SQL Server, PostgreSQL, Firebase (Basic)

Frameworks & Libraries: .NET Core, React, Next.js, Node.js

Experience

Project Collaboration | Junior Developer (Freelance)

Dec 2023 – Mar 2024

- Collaborated with a friend on a personal project to develop and maintain a full-stack web application for a health system management platform.
- Built a responsive and user-friendly interface for a health management system using **React.js**, ensuring seamless user experiences.
- Developed and integrated RESTful APIs with **PostgreSQL** and **SQL Server** to handle backend services and data workflows.
- Enhanced security by implementing **JWT-based authentication and authorization mechanisms**, safeguarding sensitive health data.

Personal Project | Junior Developer

Nov 2024 – Present

- Built a responsive and dynamic user interface using **React.js**, delivering seamless user experiences.
- Designed and developed RESTful APIs using **ASP.NET Core**, with database integration via **Entity Framework** and **PostgreSQL**.
- Implemented **Identity-based authentication and authorization** to ensure secure access to security.
- Applied **Clean Architecture principles** to maintain a scalable, modular, and testable codebase.
- Followed **best practices in version control** by managing branches and code reviews through Git.

Projects

Chat Application | [GitHub](#)

Technologies: React.js, Firebase, Tailwind CSS

- Developed a real-time chat application, enabling users to send and receive messages instantly with a responsive UI built using **React.js** and **Tailwind CSS**.
- Implemented user authentication and authorization using **Firebase Authentication** to ensure secure and personalized access for each user.
- Leveraged Firebase **Realtime Database** to handle real-time messaging and chat history synchronization, ensuring a seamless communication experience.

ShopSphere | E-Commerce | [GitHub](#) (working)

Technologies: Asp.net Core WebAPI, React, Stripe, Azure

- Developed an **e-commerce platform** enabling users to browse products, add items to the cart, and complete purchases with a smooth UI.
- Integrated **Stripe** for secure payment processing, allowing users to make transactions directly within the application, with features like subscription management and payment history tracking.
- Implemented **Identity** for secure authentication and authorization, providing role-based access
- Integrated **Azure Services** for cloud hosting, data storage, and deployment, ensuring high availability and performance.

Reactivities | Social Media Platform | [GitHub](#) (working)

Technologies: React.js, ASP.NET Core, SQL Server, Tailwind CSS

- Built a dynamic and responsive user interface using **React.js** and **Tailwind CSS**, ensuring a smooth and engaging user experience.
- Developed backend services with **ASP.NET Core** and **SQL Server**, handling user authentication, data storage, and real-time interactions.
- Implemented key features like user profiles, comment sections, and event tracking, **Real time** focused on scalability and security for a social platform..

Education

Bachelor of Science in Computer Science and Information Technology (BSc.CSIT)

Patan Multiple Campus, Lalitpur, Bagmati

Start Date: 2021 – Present (Expected Graduation: 2026)

D.A.V College +2 (Science with CS)

D.A.V College, Jawalakhel, Kathmandu

Passed Year – 2077(3.55 GPA)