# Skills

Niraj Dahal

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**Programming Language:** JavaScript, C# **Backend Technologies:** Node, Express, .NET

**Frontend Technologies:** React, Angular, HTML/CSS, Bootstrap **Database:** MongoDB, SQL

# Experience:

## Sherpa Travels: Full-stack Developer (.NET, Angular) 2021-2022

* Successfully **migrated** a **legacy codebase** to Angular, leading to a **25%** boost in **performance**, a **30%** increase in **scalability,** and improved maintainability within a tight timeframe. Modernized development practices supported seamless future growth and enhanced team collaboration.
* Developed a robust **admin dashboard** using Angular, centralizing user account management, data analytics, and system configurations, reducing operational overhead by **40%** and improving decision-making across the team.
* Implemented Sabre API integration in .NET, enhancing travel software **functionalities** with seamless **flight booking**, **hotel reservations**, and comprehensive itineraries, significantly improving the user experience and overall system efficiency.
* Introduced background workers in the .NET app, reducing processing time by 70% through asynchronous task execution. This improvement enhanced user interaction eliminated application freezes, and increased software scalability.

# Personal Projects:

## Projeeto ([Demo](https://projeeto.onrender.com/)) Kanban Project Management App (NodeJS, React, MongoDB) 2024

* Developed a cutting-edge Kanban Project Management app using Node.js, Express.js, React, and MongoDB, incorporating advanced authentication features such as **Google Auth**, OTP Verification, and Email Verification for robust security and enhanced user trust.
* Implemented real-time notifications using **Socket.IO**, providing users with instant updates on ticket and project statuses, resulting in streamlined collaboration and increased productivity.
* Created a highly intuitive and visually appealing **Kanban board**, empowering users to efficiently manage tasks and tickets within projects, leading to improved project organization and task prioritization.
* Designed a powerful **admin dashboard** with advanced charts and analytics for tracking project performance and user engagement, while engineering a **role-based access management system** to ensure secure data access and user

permission

## GitHub Finder ([Demo](https://github-finder-app-nirajdahal.vercel.app/)):

* Designed and developed an impressive React application utilizing the powerful Dasy UI library, leveraging the GitHub API to seamlessly retrieve and showcase users' GitHub profiles and repositories.

**Learners API** ([**Code**](https://github.com/nirajdahal/Learners.API)):

* Spearheaded the development of a robust backend **RESTful API** for a cutting-edge Bootcamp Directory App, employing the highly efficient stack of Node.js, Express, and MongoDB.

## Ecommerce App ([FrontendCode](https://github.com/nirajdahal/DressCampClient), [BackendCode](https://github.com/nirajdahal/DressCampApp)):

* Developed ecommerce platform using .NET Core and Angular, and applied the principles of clean architecture to deliver a seamless user experience and maintainable codebase. Authentication System ([**Code**](https://github.com/nirajdahal/CompanyEmployeesAuthentication-Frontend)):
* Developed an .NET Core & Angular application demonstrating the **implementation** of **advanced user-management** using .Net Core API, including password reset, email confirmation, user lockout, two-step verification, and integration with an external Google authentication provider to support additional user management actions.

# Education:

Master of information technology (Kings Own Institute) (Mar 2023- Oct 2024)

# Reference:

Available on Request