

Saugat Neupane

ASP .Net Core Developer

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Summary

1.5+ years experience in developing backend applications. Strong problem-solving skills and adaptability, attention to detail and time management, excellent teamwork and collaboration, continuous learning mindset and strong communication skills, self-motivated and analytical thinking.

SELECTED PROJECT EXPERIENCE

Health Tracking System - Backend Developer

Asp .Net Core , Abp .Net, React Js

The Health Tracking System is a web application that enables the system to keep track of health checkup of employees. This system is a single tiered architecture. The system is capable of keeping records of employees and also keeping track of the health checkups of the employees.

- Closely collaborated with the CTO and other team members to identify the requirements and find the possible solutions.
- Added logs for effective logging of the system performances for any issues.
- Used project management tools to track progress, manage tasks, and communicate with the team.
- Maintained detailed documentation for the project implementation and development of apis.
- Implemented query optimization techniques to enhance the system's performance by reducing query execution times. This involved indexing, caching, and fine-tuning SQL queries to minimize database load.
- Implemented bulk upload module and export modules using query optimizations which enhances the execution times.

EDUCATION

Bachelors in Computer Engineering (BCT)

SKILLS

- Html
- Css
- Angular
- Asp .Net Core
- ABP .Net
- Amazon Web Services

Contact

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Intranet Application - Backend Developer

Asp .Net Core , Abp .Net, React Js

The Intranet Application for Employee Records and Document Tracking is a web-based platform designed to streamline and organize various aspects of employee management and document handling within an organization. This system follows a single-tiered architecture for simplicity and efficiency.

- Closely collaborated with the CTO and other team members to identify the requirements and find the possible solutions.
- Added logs for effective logging of the system performances for any issues.
- Used project management tools to track progress, manage tasks, and communicate with the team.
- Maintained detailed documentation for the project implementation and development of apis.
- Implemented query optimization techniques to enhance the system's performance by reducing query execution times. This involved indexing, caching, and fine-tuning SQL queries to minimize database load.
- Implemented background worker which can schedule and automate routine tasks, such as sending reminders for document renewals, updating employee records, and generating reports. This reduces the administrative burden on HR personnel.
- Implemented Google calendar apis so that the user can have access to their google calendar within the application

Training Management System - Backend Developer

Asp.Net Core, React Js, Postgres

The Training Management System is a web application that is used to plan and track employee requested training. When an employee asks for training, it is evaluated and authorized by the corresponding line manager.

- API Design documentation creation.
- Design of an appropriate database architecture.
- API development in relation to API design has completed.
- Database table development in accordance with Database Architecture

Automated Booking Management System- Backend Developer

Asp.Net Core, React Js, Postgres

The Automated Booking Management System is a web application that is used to plan and track employee bookings in Outlook. This application is a single tier application which uses excel data to automate bookings in Microsoft outlook.

- Design of an appropriate database architecture.
- Api design and planning.
- API development in relation to API design.
- Database table development in accordance with Database Architecture.
- Background job handling.
- Microsoft graph api consumption and implementation for work flow
- Batch management system to track the progress of each record.
- Batch management implementation for better performance and optimizations.
- Query optimization and minimization for better performance.

Report Generator using Generative ai - Backend Developer

Asp.Net Core, React Js, Postgres

The Report generator is a web application that is used to generate specific reports based on the inputs given by the end user. This application is a single tier application which uses generative ai and a middleware i.e the backend to process and request data and provide it to end users.

- API Design documentation creation.
- Design of an appropriate database architecture.
- Close collaboration with the ai team to understand the workflow of the ai service.
- API development in relation to API design.
- Database table development in accordance with Database Architecture.
- Background job handling.
- Polling architecture implementation to handle user requests.
- Batch management implementation for long running operations which results in better performance and optimizations.
- Amazon web services implementation to reduce deadlocks and better performance.
- Query optimization and minimization for better performance.

