Ripudaman

Full-Stack Developer / Mern-Stack Developer

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Summary

I am a dynamic web developer with over 1+ year of experience in ReactJS, NodeJS, NextJS, and NestJS. Collaborative by nature, I have contributed to the development of efficient interfaces and elevated code quality. Adept at optimizing performance and integrating APIs, I stay current with industry trends to ensure my skills are always cutting-edge.

Professional Experience

Software Engineer Trainee

PiZone Infotech Solution Pvt. Ltd. | june 2023 - Present

A summary of my experience developing robust web applications, collaborating with teams to create user-friendly interfaces, optimizing website performance, integrating APIs and third-party services, conducting testing and debugging, participating in code reviews, and staying up-to-date with the latest web development technologies and trends.

- Developed and implemented robust web applications using **ReactJS**, **NodeJS**, **NextJS**, and **NestJS**.
- Collaborated with a team of developers to create efficient and **userfriendly interfaces**.
- Utilized industry best practices and coding standards to ensure **highquality code** delivery.
- Improved website performance by **optimizing code** and implementing caching mechanisms.
- I-ntegrated various APIs and **third-party services** to enhance functionality and user experience.
- Conducted thorough **testing** and **debugging** to identify and **resolveany software issues** or **bugs**.
- Actively participated in code reviews and provided constructive feedback to enhance the overall.
- Stayed up-to-date with the **latest technologies** and **trends** in web development to constantly improve **skills** and **knowledge**.
- Successfully developed and implemented both **frontend** and **backend** solutions for multiple projects.
- Gained valuable **knowledge** and **experience** in various aspects of **web development**.
- **Collaborated effectively** with team members to accomplish project objectives.
- Demonstrated ability to learn and adapt **quickly** in a **fast-paced environment**.

Projects

Wirring Softwares ⬀

- I recently completed an exciting website project for an innovative IT company, and I'm thrilled to showcase it in my portfolio. Utilizing the advanced capabilities of Supabase, I engineered a robust and

secure backend system that efficiently manages data storage and authentication, ensuring a seamless user experience. The website boasts a responsive design, seamlessly adapting to diverse devices and screen sizes. Collaborating closely with the client, I customized the website to meet their specific needs, highlighting the company's unique details, array of services, and remarkable success stories. Prioritizing user experience, I meticulously crafted the website to be intuitive and easily navigable. Rigorous testing and optimization were conducted to guarantee optimal performance across a variety of browsers and devices. This project exemplifies my unwavering commitment to delivering top-notch, client-centric solutions that consistently exceed expectations.

WISE-Wireless Industry Service Excellence ↗

- Harnessing the capabilities of Supabase, I engineered a robust and secure backend solution to seamlessly manage data storage and authentication, enhancing the user experience. The website boasts a responsive design, effortlessly adapting to diverse devices and screen sizes. Collaborating closely with the client, I meticulously tailored the website to meet their unique specifications, showcasing the company's details, services, and success stories. With a keen focus on user experience, I ensured the website is intuitive and easy to navigate. Rigorous testing and optimization were conducted to guarantee optimal performance across various browsers and devices. This project exemplifies my unwavering commitment to delivering high-quality, client-focused solutions that consistently exceed expectations.

Bala Ji Multi Sales ↗

- I spearheaded the creation of a dynamic website for Bala Ji Multi Sales, an esteemed company dedicated to delivering top-tier electronic products and services. The website stands as a testament to the company's unwavering commitment to excellence, emphasizing its core values of quality, reliability, and customer satisfaction. Showcasing an extensive array of electronic products, including smartphones, laptops, home appliances, and audio systems from renowned brands, the website offers visitors a seamless shopping experience. With a focus on user-centric design, the website provides personalized attention and detailed product information, ensuring customers make informed choices. This project was a remarkable endeavor aimed at spotlighting the company's offerings and its steadfast dedication to delivering exceptional quality and customer service.

Food Delivery App Admin Panel

- The Next.js admin panel is a comprehensive web application designed for managing various aspects of a system, including user details, project categories, offers, and orders. It features a user-friendly interface with responsive design, ensuring a seamless experience across different devices. The user management section allows administrators to view, create, edit, and delete user accounts, ensuring efficient management of user-related data. The project category management section provides tools for creating, editing, and deleting project categories, enabling administrators to organize projects effectively. The offer management section allows for the creation, editing, and deletion of offers, facilitating the management of promotional activities. The order management section enables administrators to view order details, update order statuses, and delete orders as needed, ensuring effective management of the ordering process. Additionally, the admin panel implements authentication and authorization mechanisms, ensuring that only authorized users can access and perform actions within the system. It also includes error handling and validation features to ensure data integrity and prevent malicious inputs. Overall, the Next.js admin panel is a powerful tool for managing various aspects of a system, providing administrators with the tools they need to efficiently manage user accounts, project categories, offers, and orders.

Food Delivery App Back End

- In the food delivery app backend built with NestJS, we have implemented a range of APIs to facilitate various functionalities. For user management, we have endpoints for user registration, login, profile

update, and password management, including forgot password functionality. The product category API allows for managing and retrieving different food categories available in the app. The offer API enables the creation, retrieval, and management of special offers and discounts for users. The cart API allows users to add, remove, and update items in their shopping cart. For payments, we have integrated APIs to handle payment processing securely. These APIs collectively form a robust backend system to power the food delivery app, providing a seamless experience for both users and administrators. #We have also implemented JWT (JSON Web Token) authentication to secure the APIs. When a user successfully logs in or registers, a JWT token is generated and sent back to the client. This token is then included in the Authorization header of subsequent requests to authenticate the user. The backend verifies the JWT token to ensure that the request is coming from an authenticated user. If the token is valid, the request is processed; otherwise, an unauthorized error is returned. This approach ensures that only authenticated users can access protected APIs, providing a secure environment for the food delivery app.

Sri Sathya Sai Divyanga Seva

- In our live project, we are created a comprehensive API system that integrates various functionalities with user profiles. One of the key features is the integration of AWS S3 for uploading and managing photos and voice recordings. This allows users to upload and share multimedia content seamlessly. Additionally, we have integrated an SMS service for notifications and user verification, enhancing the overall user experience and security of the platform. The project focuses on providing a smooth and efficient user experience through robust API integration and reliable service connections.

AI GPT Clone

- In our project inspired by ChatGPT, we've developed robust login and logout APIs to manage user sessions. We've also implemented multifunctionality, allowing users to engage in chat interactions with a chatbot, generate paragraphs based on a single word, summarize text, and even generate programming code. Additionally, our project offers the unique feature of generating AI-generated images, enhancing the user experience with diverse and creative content. With these functionalities, our project aims to provide a comprehensive and innovative platform for various user needs, blending AI capabilities seamlessly into everyday interactions.

Password Manager App

- In our NestJS application, we have developed a robust and secure password manager designed to store and manage passwords for multiple applications. This password manager ensures that all user credentials are encrypted and stored safely, leveraging advanced security measures provided by NestJS. Users can securely save their passwords for various applications in a centralized location, simplifying the management of their credentials. With features like secure password generation, encryption, and seamless integration with other services, our password manager provides an efficient and reliable solution for maintaining and protecting sensitive information across multiple platforms.

Common API's For all Projects

- In NestJS projects, a common API pattern for JWT token management and user logout handling using Redis is essential for ensuring secure authentication and session management. This API typically includes endpoints for token creation, validation, and revocation. Upon user logout, the JWT token is added to a Redis blacklist, preventing its reuse and enhancing security. By integrating Redis, developers can efficiently manage token blacklists and revoke tokens, ensuring that expired or compromised tokens cannot be used to access protected resources. This approach not only enhances security but also improves performance by offloading token validation to a fast, in-memory cache. Overall, this API pattern is foundational in many NestJS projects, providing a robust and secure authentication mechanism.

Education

Master's in Computer Applications (Online)
Amity University Noida| jan-2023 - jan-2025

Skill

- React.js
- JavaScript
- C/C++
- MongoDb
- Bootstrap

- Node.js
- C#
- HTML/CSS
- Redis

- Next.js
- Nest.js
- Java
- Git/GitHub

Portfolio

Unveiling a Journey of Creativity and Innovation: Explore My Portfolio. **My Portfolio**