Harsh Pal

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Summary

Results-driven **backend** developer with expertise in **Node.js** and **Express**, and a strong foundation in JavaScript. Experienced in building scalable server-side applications and crafting efficient **APIs**. While primarily focused on **backend** development, I also have beginner-level experience with **Python** and **Django**. Passionate about problem-solving, learning new technologies, and contributing to impactful projects.

Education

ADGITM — Guru Gobind Singh Indraprastha University

Delhi, India

Bachelor of Technology - Information Technology; CGPA: 9.01

Dec 2020 - Jun 2024

Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Object-Oriented Programming, Computer Networks, Web Development, Cryptography, Artificial Intelligence

Projects

Customer Review Tracking Application

September 2024

Technologies: HTML, CSS, JavaScript, Node.js, Express, MongoDB

- Developed a web-based solution that increased customer engagement.
- Implemented a customizable review widget for seamless website integration.
- Created a secure admin panel for review management with comprehensive analytics.
- Deployed application available at Customer Review Tracker Demo.

CodeZen February 2024

Technologies: Next.js, MongoDB, Express.js, Node.js

Live Demo

- Crafted as an online code editor, this MERN stack project provides a seamless coding experience. Leveraging JavaScript libraries, it enables users to write, save, and update code effortlessly. With a responsive design, it ensures optimal performance across devices.
- Central to the platform is its ability to store and update code snippets securely. Leveraging MongoDB for data storage, users can save their projects and access them at any time, ensuring continuity and ease of development.
- Future plans include collaborative editing and version control, making it a comprehensive development tool.

Genshin API August '22

Technologies: Node.js, Express.js, Cloudflare R2

Source Code

- Created an unofficial public API for the Genshin Impact game, facilitating seamless retrieval of character, weapon, and elemental attribute details for gamers.
- Designed with an intuitive structure, the API enhances gaming experiences by offering easy integration into diverse applications and platforms.

Technical Skills

Languages: JavaScript, TypeScript, Python, Java, SQL, HTML, CSS

Frameworks: Node.js, Express.js, Django, React.js, Next.js

Tools: Git, MySQL, MongoDB, Redis

Achievements

National Cadet Corps (NCC) 'B' Certificate

2020

Earned the NCC B Certificate with a commendable BEE grade, demonstrating leadership, discipline, and commitment to national service. Developed skills in team management, crisis handling, and strategic planning.