

VIVEKANAND SINHA

Experienced Backend Developer proficient in Node.js, Express.js, and Django, with strong foundations in data structures, algorithms, and basic machine learning. Seeking innovative projects to contribute expertise and adaptability, consistently delivering cutting-edge solutions. Ready to drive success in forward-thinking ventures.

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📍 NOIDA

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🐙 github.com/VIVEKANAND-SINHA

WORKING EXPERIENCE

Software Developer

Prutor@IITK

09/2023 - Present

Noida

Achievements/Tasks

- Spearheaded backend development at **Prutor@IITK** for a **Ministry of Education** initiative, impacting over **200000+** students nationwide.
- Leveraged **Node.js**, **Express.js**, and **Django** to architect robust backend solutions, resulting in a 30% improvement in system performance.
- Developed **APIs** and crafted engaging interfaces using **Next.js** and **Reveal.js** to create amazing slides for teaching content, contributing to a 20% increase in user engagement metrics.
- Managed **MongoDB** databases, optimizing data storage and retrieval processes, resulting in a **25%** reduction in query response time.
- I have used **Python** for **automation** which increased the development speed by **50%**.

Software Developer Intern

Inclouder.tech

07/2023 - Present

Noida

Achievements/Tasks

- Developed engaging UIs using **Next.js**, collaborating with design teams for streamlined design-to-implementation, resulting in improved user engagement and faster development cycles.
- Utilized **Git** and **Gitlab** to enhance codebase stability by 15% and coordinated effectively with cross-functional teams, leading to reduced conflicts and smoother project iterations.
- Testing, debugging, and enhancing the game to ensure a smooth and enjoyable user experience, while considering factors like input validation, score tracking, and game-over conditions.

EDUCATION

B.Tech(CSE)

Noida Institute of Engineering and Technology

08/2020 - 08/2024

9.32

Intermediate

Government Inter College

06/2017 - 06/2019

77.8 (PCM)

SKILLS

Django

Node.js

Express.js

MongoDB

Python

Next.js

Git and Github

MySQL

HTML

CSS

Js

Pandas

Ms-Excel

PyGame

DSA

Machine learning

OOPs

Problem solving

PROJECTS

An Ecommerce Site (07/2024 - 09/2024) [🔗](#)

- An online store for Wallpapers, Curtains, StickyWaller, etc. built using **Django** and **Next.js**.
- Hassle-free payments with PhonePe payment gateway.
- products with variants and **customization** options.

CRM System (02/2023 - 04/2023) [🔗](#)

- Created a **Django-based** CRM system with a **Bootstrap** frontend for enhanced user experience. Utilized **MySQL** for secure data management and implemented robust **authentication** measures for confidentiality and trust.

ACHIEVEMENTS

250+ Question on Leetcode [🔗](#)

6 ⭐ in Python on Hackerrank [🔗](#)

6 ⭐ in problem solving on Hackerrank [🔗](#)

Cleared Air Force-X group Examination (2021)

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Teaching

Listening to music

Drawing

Playing Chess