NITIN KUMAR

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github.com/Newton1037

EDUCATION

B.Tech - CSE, Jaypee Institute of Information technology, Noida   *Sep 2021 - June 2025*
Current CGPA: 7.6

Class XII - CBSE, Sainik School Nalanda   *Apr 2018 - Mar 2019*
Overall Percentage: 92.40

SKILLS

Languages	C/C++(Proficient), JavaScript, Python
Full Stack Development	HTML, CSS, JavaScript, ReactJS, NodeJS, ExpressJS, NextJS
Data Analysis	NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
Machine Learning Libraries	TensorFlow
Developer Tools	VS Code, GitHub, Jupyter Notebook, Postman, MongoDB Compass, Windows
Database	MySQL, MongoDB

EXPERIENCE

Software Development Engineer Intern   *June 2024 - July 2024*
iNeuron AI   *Remote*

- Developed and enhanced features for a web-based chat application, improving functionality and user experience.

- Utilized the MERN stack to design scalable solutions.

- Created and integrated RESTful APIs for effective front-end and back-end communication.

- Managed code with Git for automated testing and deployment.

- Authored and updated documentation for code, APIs, and processes.

PROJECTS

Chit-Chat Project Link
Architected and deployed Chit-Chat, a full-stack application using MERN stack, leveraging Socket.io for instant messaging capabilities and implementing robust encryption protocols in MongoDB.

Smart Surveillance Project Link
Developed a sophisticated Smart Surveillance System using React and TensorFlow.js, integrating real- time object detection and video recording capabilities. This web application leverages a webcam feed to accurately identify and highlight humans and other objects, with features designed to enhance usability and security.

Diwali Sales Analysis Github
Developed a comprehensive data analysis project focusing on sales distribution by age group and gender using Python and Seaborn. Implemented visualizations to identify key trends, including sales contributions by demographic segments

Personal Portfolio Project Link
Developed a responsive personal portfolio website showcasing my profile, specialization, projects, and resume, with user-friendly interfaces optimized for performance and accessibility.