

Nisha Tiwari

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Skills

Languages: Python,SQL,HTML5,CSS,JavaScript,Java.
Frameworks: React,Redux,Node.js,Express.js,Django,Linux.
Tools: Git,AWS,VS code,Android Studio,pycharm.

Soft Skills: Teamwork,Time Management,Communication,Problem Solving ,Leadership.

Projects

Flipkart Clone – Full-Stack E-Commerce Web Application

february 2025

- Tech Stack: React.js, HTML, CSS, Material UI, Redux, Node.js, Express.js, MongoDB
- Built a fully responsive, full-stack e-commerce platform inspired by Flipkart with modern UI/UX using React.js and Material UI.
- Implemented Redux for global state management to handle user sessions, cart functionality, and product data
- Designed a RESTful backend with Node.js and Express.js to manage authentication, product APIs, and user orders
- Integrated MongoDB for storing user data, orders, and product inventory in a scalable NoSQL structure

Blockchain-Based Certificate Validation System

October 2024

- Tech Stack: React.js, Web3.js, MetaMask, Solidity, Node.js, Express.js, MongoDB, HTML, CSS
- Developed a decentralized platform to issue and verify academic certificates securely using Ethereum blockchain. Integrated Web3.js with MetaMask for wallet-based authentication and used Solidity smart contracts to store and validate certificate data immutably. Backend built with Node.js and Django, enabling secure data interaction and admin functionalities.

Real-Time Chatting App

July 2024

- Android Studio, Java/XML, Firebase Realtime Database, Firebase Authentication
- Developed a real-time messaging app using Firebase Realtime Database for instant message sync and Firebase Authentication for secure user login. Built with Java in Android Studio, the app features one-on-one chat, push notifications, user status, and a responsive UI. Ensured data security through Firebase rules and optimized performance across various Android devices.

Summer Internship

Summer Intern — [Netcamp Solutions Private Limited]

Jul 2024 – August 2024

Location: [Ghaziabad, uttar pradesh]

Mode: Offline

Key Areas Covered:

- Ethical Hacking: Learned penetration testing techniques, Kali Linux and basic cyber attack simulation.
- Networking: Understood TCP/IP, OSI model, subnetting, DNS, DHCP, routing and switching concepts.
- Web Development: Gained hands-on experience with HTML, CSS, JavaScript, and backend development using Python for building dynamic web applications.
- Android Development (Core Java): Built basic Android applications using XML and Java in Android Studio; learned UI/UX principles, intents, and lifecycle management.

Achievements/Projects:

- Developed a simple chatting App.
- Created a responsive web page with a contact form connected to a Python backend.
- Explored web security fundamentals through ethical hacking simulations.

Education

Bansal Institute Of Engineering and Technologies Lucknow

B.tech : Computer Science and Engineering

CGPA: 7.82

Certifications

- Web development with java - Coding Ninja
- Full Stack development - Coding Ninja
- Command Line in Linux - Netcamp
- Core java - Codegrip
- Android development with core java - Netcamp
- DSA with java - Coding Ninja
- HTML and JavaScript - Softcon