

NISHANT DIXIT

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OBJECTIVE

Motivated and proactive engineering student with a solid foundation in computer science principles, algorithms, and data structures. Actively seeking opportunities to apply academic knowledge to real-world challenges and contribute to impactful projects. Skilled in collaborative teamwork, with a strong desire to expand software engineering expertise in a professional setting.

EDUCATION

Bachelor of Technology (B.Tech) , Hindustan College of Science and Technology Expected 2025
Information Technology.

Secondary Education, Kanha Makhan Public School 2014 - 2017

SKILLS

Programming Languages	Java, C, Python, Html, JavaScript
Frameworks	NodeJs, Tailwind CSS, Express Js
Computer Science	Data Structure and Algorithms, CN, OS, DBMS, Machine Learning
Databases	MySql, MongoDB
Tools	GitHub, Git, Jupyter, VS Code, IntelliJ
Competencies	Continuous and Quick Learning, Problem Solving, Teamwork, Communication

EXPERIENCE

Trainee Aug 2022 - Sep 2022
Internshala *Online*

- Successfully completed a six-week online certified training in Core Java.
- Covered key modules including Getting Started with Java, Basic Concepts, Object-Oriented Programming, and Java Application Development.
- **Achieved a score of 87% in the final assessment** and recognized as a top performer in the training program.

PROJECTS

Amazon Clone: Developed a fully functional Amazon clone using the **MERN stack (MongoDB, Express, React, Node.js)**, implementing features such as user authentication, product browsing, shopping cart, and order processing. Utilized Redux for efficient state management and **integrated Stripe API for secure payment processing**. Ensured responsive design, optimizing the platform for both desktop and mobile devices, **resulting in a 100% mobile-friendly user experience**.

Profile Application using Python Flask and MySQL : Implemented secure **User authentication and session management using Flask**, ensuring safe access and persistent user sessions for up to 10 users during testing. Developed dynamic HTML templates with Flask's Jinja2 templating engine, providing personalized user experiences through interactive forms and profile displays, enhancing the user experience throughout the development process.

Web Chat Application: Spearheaded frontend development and backend integration as the project lead for a web chat application, **utilizing HTML, CSS, JavaScript, PHP, and MySQL**. Designed intuitive user interfaces and **ensured seamless database connectivity**, with a focus on data integrity through unique entry management. **Implemented real-time messaging using WebSockets and AJAX**, enabling instant communication and improving application responsiveness during development.