Harsh Kumar

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PROFESSIONAL SUMMARY

"Aspiring Software Developer and BTech Computer Science Engineering student specializing in full-stack web development , software development, and networking fundamentals. Skilled in core technologies including React.js, Node.js, MongoDB, and MySQL with hands-on experience in building and deploying secure, full-stack applications. Possesses fundamental knowledge in Data Structures and Algorithms , RESTful API design, and Agile methodology."

EDUCATION

Computer Science Engineering   **Sept, 2022 – June, 2026**
Jain University (Bangalore, Karnataka)   7.2 CGPA
12th Board CBSE   **JUNE, 2022**
North Point Residential School (Siliguri, West Bengal)   78%
10th Board CBSE   **March, 2020**
North Point Residential School (Siliguri, West Bengal)   84%

TECHNICAL SKILLS

- Programming & Development **:** Java, Python, HTML5, CSS3, JavaScript
- Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS, Mongoose
- Databases & Backend Systems: MongoDB, MySQL
- Core Concepts: RESTful API's, Agile (Scrum), SDLC, CI/CD (Basics), Basics in System Design, Networking and Data Structures and Algorithm
- Tools & Platforms: Git, GitHub, VS Code, Postman, Linux
- Cloud Platforms: Basic familiarity with AWS and Vercel

PROJECTS

Learning Management System

- Developed a full-stack LMS using the MERN stack supporting course uploads, assignments, grading, and student feedback.
- Engineered role-based access for teachers and students with a secure login flow.
- Performed code debugging and optimization, improving database query efficiency and resulting in an estimated 25% reduction in average load time.

Full-Stack E-Commerce Website

- Built a complete e-commerce platform with product listings, a shopping cart, and order tracking features.
- Integrated secure user authentication and created a custom admin dashboard for robust product and user management.
- Created a dynamic and responsive front-end using React.js with features to handle simulated 100+ daily transactions.

Smart Inventory & Billing System for Small Businesses

- Developed a full-stack web application enabling small businesses to manage inventory and generate automated bills.
- Implemented role-based authentication (Admin & Staff) using JWT (JSON Web Tokens) for secure access.
- Integrated Chart.js dashboards for visual sales analysis and trends, aiding in data-driven decision-making.
- Built CRUD functionality for comprehensive product and billing management.

CERTIFICATIONS

- Full Stack Web Development with React – Udemy
- Python Basics — University of Michigan, Coursera (2023)
- Effective Problem-Solving and Decision-Making, Coursera– University of California, Irvine