Abhiram Singh

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SUMMARY

I?m a motivated computer science graduate with a strong foundation in both front-end and back-end development principles. I thrive on tackling complex technical challenges, particularly those involving data structures and cybersecurity ? areas where I?ve actively sought to expand my knowledge. My goal is to contribute meaningfully to a team while continuously learning and refining my skills as a full stack developer.

INTERNSHIP

DevOps Intern - BlueArc Systems (2 months)
- Built automation scripts, contributed to internal tools and participated in code reviews.

PROJECTS

- E-Commerce Website - Developed a fully functional e-commerce website using React for the front-end, Node.js and Express for the back-end, and MongoDB for data storage. Focused on implementing user authentication, product browsing, shopping cart functionality, and secure payment integration.
- Inventory Management System - Created a command-line inventory management system utilizing C to track stock levels, generate reports, and manage supplier information. Implemented core data structures like linked lists and hash tables to optimize performance.

TECHNICAL SKILLS

Networking, React, C, Data Structures, Cybersecurity, Git, REST APIs, Machine Learning

EDUCATION

B.Tech in Computer Science and Engineering | Bansal Institute of Technology | CGPA: 7.22

ACHIEVEMENTS

- Successfully designed and implemented a robust security feature in my e-commerce project, improving the website?s resistance to common web vulnerabilities.
- Optimized the performance of my inventory management system by employing efficient algorithms and data structure techniques, resulting in a 20% reduction in processing time.