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Education

Indian Institute of Information Technology Bhagalpur — **Nov 2022 – Present**
Bachelor of Technology in Computer Science and Engineering — *Bhagalpur, Bihar*
- Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, DBMS, OOP

Experience

NativeSoftTech — **Jan 2024 – Mar 2024**
Front-End Developer Intern — *Remote*
- Developed **responsive, user-focused web interfaces** using **HTML5, CSS3, and JavaScript**, ensuring seamless performance across devices and browsers.
- Collaborated with a **5-member agile team** to design and deploy **production-ready features**, improving UI/UX quality and reducing design rework by **30%**.
- Enhanced front-end architecture to reduce **page load times by 30%** and boost **interactivity**, delivering a smoother, more engaging user experience.

Skills

Languages: C++, C, HTML, CSS, JavaScript (ES6+), Python (Basic).
Developer Tools: GitHub, VS Code, Power BI (Dashboarding), MS Excel (Data Engineering).
Frameworks: React.js, Node.js, Express.js.
Web Development: Full-Stack (MERN), REST APIs, Front-End & Back-End Technologies.
Databases & Storage: MongoDB, MongoDB Atlas, Database Design & Modeling, NoSQL, MySQL (Basics), AWS (Basic), Cloudinary, Render.
Testing: Postman (API Testing), Jest (Basics).
Coursework: Computer Networks, Data Structures & Algorithms, Operating Systems, DBMS, OOP.
Networking & Systems: TCP/IP, OSI Model, Socket Programming, Operating Systems.
Currently Learning: TypeScript, Docker, Basic System Design, Automated Testing.

Projects

Streamify | *MERN, WebRTC, Socket.IO, JWT, Zustand* | 🌐 🐙 — **Oct 2024 – Nov 2024**
- Engineered a **full-stack video communication platform** supporting **secure group and one-on-one calls** with **real-time chat**, efficiently handling over **100 concurrent users**.
- Implemented **JWT-based authentication** and **Zustand** for global state management, improving application security and user experience by **30%**.
- Optimized **low-latency streaming** and front-end performance, enhancing scalability and achieving **35% higher stability** during peak usage.

ResumeCraft | *Node.js, MongoDB, Gemini API* | 🌐 🐙 — **Feb 2025 – Mar 2025**
- Developed an **AI-powered resume generator** leveraging the **Gemini API** for **real-time, personalized content creation**, increasing user productivity by **40%**.
- Designed a **responsive, interactive UI** with live preview using **Tailwind CSS**, reducing customization time by **40%**.
- Implemented **secure authentication** and **persistent data storage**, enabling **multi-device synchronization and sharing** with a **99.9% data retention rate**.

DriftBox | *Node.js, Express.js, MongoDB, Multer* | 🌐 🐙 — **Nov 2024 – Dec 2024**
- Built a **secure file storage system** with **encrypted uploads**, **RESTful APIs**, and **token-based access control**, ensuring **100% data integrity and confidentiality**.
- Optimized **back-end performance** using **Multer** and **MongoDB Atlas**, achieving **25% lower latency** and maintaining **99.9% uptime**.
- Automated **secure file handling and storage** using Node.js and MongoDB.

Certifications

- Certified Oracle Cloud Developer Professional (2025) with expertise in designing, deploying, and maintaining scalable cloud applications using Oracle Cloud Infrastructure (OCI). 📄
- Completed Data Structures and Algorithms Masterclass (2024) from Udemy, focusing on algorithm optimization, time complexity, and data handling for software development.

Leadership & Achievements

- Solved **300+ coding problems** on LeetCode and GeeksforGeeks using C++, focusing on data structures, algorithms, databases, and system design concepts.
- Participated in multiple **hackathons** and **technical workshops**, enhancing teamwork, collaboration, and practical coding proficiency.