Sankalp Gupta

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Summary

Results-driven problem solver with a strong analytical mindset and a passion for optimizing systems. Skilled in developing efficient, scalable solutions and adapting to complex challenges. Experienced in algorithmic problem-solving, software development, and delivering high-performance applications.

Education

Indian Institute of Information Technology, Guwahati   *2022-2026*
Bachelor of Technology, Computer Science and Engineering   *CGPA: 8.03*

Birla Public School , Pilani   *2020-2021*
Central Board of Secondary Education   *PERCENTAGE: 90.6%*

Experience

Software Development Intern   *Remote Internship*
Infosys Springboard   *Dec 2024 – Jan 2025*

- Developed Health Guard Pro, a health assessment system that analyzes parameters like nutrition and mental well-being etc. based on user responses.
- Designed an interactive and user-friendly dashboard with gamification, increasing user engagement and completion rates by 40%.
- Implemented robust secure authentication and automated password recovery using NodeMailer, reducing support requests by 50%.

Projects

Hotel Review System | *PrimeLodging*   ⎘ LIVE   ○ GitHub Repository

- Developed a hotel review platform with MongoDB, EJS, and Node.js, enabling secure authentication, dynamic listings, and geolocation-based searches.
- Optimized content rendering and image management using EJS and Cloudinary, reducing page load time by 30% and storage costs by 40%.
- Implemented MVC architecture with robust security, enhancing code maintainability and reducing unauthorized access by 45%.

Car Rental System | *CruiseUp*   ⎘ LIVE   ○ GitHub Repository

- Built a vehicle rental platform using React.js, MySQL, and Node.js, streamlining bookings and improving customer experience.
- Integrated backend-frontend operations with secure authentication, reducing response time by 15% and improving login success rates by 25%.
- Leveraged Cloudinary for image optimization, ensuring a visually appealing platform while cutting storage costs by 35%.

Technologies

Languages: C++, C, Java, Python, JavaScript
Databases: MySQL,MongoDB
Frameworks & Platforms: ReactJS, NodeJS, ExpressJS, VS Code, Figma
Coursework: Data Structures & Algorithms, Operating Systems, Database Management Systems (DBMS), Computer Networks, Applied Machine Learning, Artificial Intelligence, Cloud Computing

Achievements

Hackathons: Participated in hackathons like Flipkart Grid, Adobe GenSolve, Walmart Sparkathon, SIH, and TVS Credit.
LeetCode: Earned the prestigious 200 days badge given to top 2.1% Leetcoders