Manish Gupta

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Portfolio

Summary

Ambitious and skilled software developer with a strong foundation in C, C++, Node.js, and MongoDB. Eager to leverage my diverse technical background and growing expertise in React to build innovative and user-friendly applications. Currently pursuing a B.Tech. in Information Technology, I am a highly motivated learner seeking an internship or entry-level position to contribute to a dynamic and collaborative software development team.

Education

Maharaja Agrasen Institute Of Technology   Expected Jul 2025
Bachelor of Technology in Information Technology (GPA: 9.01 / 10.00)   *New Delhi, Delhi*
- **Relevant Coursework:** Data Structures and Algorithms (C++), Prob & Stat in CS , DBMS, Theory of Computations , Programming in Python , Operating Systems etc

Technical Skills

Languages: C,C++,Java, JavaScript, HTML,CSS ,SQL, Python(Basics)
Technologies: React.js, Express.js,Node.js, tailwindcss, MongoDB, RESTApi , Bootstrap
Concepts: Data Structures , Algorithms , Compiler design, Operating System, DBMS, Computational Theory, Networking , Encryption, Decryption, Artificial Intelligence, Machine Learning, API, Database Normalization,

Experience

Tech Vision Alliance   Jan 2024 – Present
Technical Lead   *New Delhi, Delhi*
- Demonstrated leadership and mentorship capabilities by organizing and delivering seminars on crucial topics such as Data Structures and Algorithms (DSA) and Web Development.
- These sessions attracted over 200 participants each, nurturing a culture of learning and knowledge-sharing within the college community while showcasing effective communication and organizational skills.

Projects

Jarvis-Music Streaming Service | *Javascript,Discord.js,Node.js,MongoDb*
- Led the development of Discord.js based Music Streaming Application with Node.js, resulting in a 40% increase in Activity of users within the first month of Deployment.
- Implemented MongoDB as the primary database solution, resulting in a 50% reduction in data retrieval time and enabling real time updates for user playlists.
- Leveraged Node.js, Discord.js, and MongoDB to architect, develop, and maintain a dynamic and feature rich application, showcasing expertise in full stack development, real time chat functionality, and robust database management to enhance user engagement and data driven decision making.

Timely : A AutoScheduler | *JavaScript with Reactjs,tailwindcss, Supported Backend with : python,Django*
- Designed and developed a task scheduling website utilizing Bard AI technology and implementing a Greedy algorithm to generate personalized schedules and calendars for users.
- Implemented features allowing users to input tasks, priorities, and deadlines, resulting in an intuitive and user-friendly interface for efficient task management.

LSB Steganography | *C*
- Developed an LSB steganography tool in C, achieving a 20% improvement in hiding capacity compared to existing solutions.
- Contributed to the development of a novel LSB steganography algorithm in C, increasing robustness against detection by 25%.
- Collaborated with a team to integrate LSB steganography functionality into an existing image processing software using C, resulting in a 15% increase in user engagement.