Aman Kaushik

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Introduction

Resourceful and passionate software developer with a strong academic background from Dehradun Institute of Technology. Experienced in leading projects and collaborating in team-driven environments, with a keen interest in solving complex problems and enhancing user experiences through innovative solutions.

Education

Dehradun Institute of Technology,Dehradun   **2021-2025**
Bachelor of Technology in Computer Science Engineering   *CGPA:9.59*

St.Teresa's Academy,Modinagar   **2019-2020**
Class XII   *Percentage:92*

Projects

Airline Reservation System | *Java, MySQL*   **April 2024 - May 2024**

- Designed an airline reservation application using Java Swings, capable of handling up to 10 concurrent user sessions, designed for robust multi-tasking and user interaction.
- Constructed 5 comprehensive modules to manage passenger details, flight information, payment processing, journey specifics, and cancellations, improving user navigability and system structure.
- Configured MySQL to handle database operations with over 15 structured queries, optimizing data retrieval and storage for performance and scalability in a development environment.

Social Media App | *Python,Django,PostgreSQL*   **January 2024 - March 2024**

- Created a Django-based social media clone with over 10 key features, including user profiles, image uploads, and post interactions, supporting user engagement and content sharing. .
- Managed a PostgreSQL database integration for efficient data handling, achieving enhanced data retrieval speeds and supporting a user base scalable up to thousands of users.
- Successfully deployed the platform on Render, ensuring 99.9% uptime and securing user data through implementation of Django's security protocols.

ShareLink | *HTML,CSS,JavaScript,NodeJS,ExpressJS,MondoDB*   **October 2023 - November 2023**

- Developed "ShareLink," a web application for temporary file sharing, handling over 1,000 daily uploads with real-time progress tracking.
- Implemented backend in Node.js and Express, using MongoDB for data storage and Multer for file uploads.
- Enhanced user experience by integrating automated email notifications via Nodemailer for upload confirmations.

Technical Skills

Languages: Java, JavaScript, SQL, HTML, CSS, Python
Technologies/Frameworks: NodeJS, MySQL, MongoDB, REST API, Django
Tools: Git, GitHub, VS Code

Relevant Coursework

- Data Structures and Algorithms
- Object Oriented Programming
- Operating Systems
- Database Systems

Leadership and Achievements

- **Cyber Gaming Coding Club:** Student Coordinator.
- **100+ DSA** problem solved on various coding platforms.
- **14th** rank in college in **CodeKaze Event** conducted by Coding Ninjas.
- Active Participation in **Adobe GenSolve Hackathon** 2024.
- Active Participation in **Flipkart Grid 6.0** 2024.