

Aman Kaushik

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Introduction

Resourceful and passionate software developer with a strong academic background from Dehradun Institute of Technology, with a keen interest in solving complex problems and enhancing user experiences through innovative solutions.

Education

Dehradun Institute of Technology, Dehradun	2021-2025
<i>Bachelor of Technology in Computer Science Engineering</i>	<i>CGPA: 9.59</i>

St. Teresa's Academy, Modinagar	2019-2020
<i>Class XII</i>	<i>Percentage: 92</i>

Projects

Airline Reservation System <i>Java, MySQL</i>	April 2024 - May 2024
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- Designed an airline reservation application using Java Swing, 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 <i>Python, Django, PostgreSQL</i>	January 2024 - March 2024
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- 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 <i>HTML, CSS, JavaScript, NodeJS, ExpressJS, MongoDB</i>	October 2023 - November 2023
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- 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

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|----------------------------------|-------------------------------|---------------------|--------------------|
| • Data Structures and Algorithms | • Object Oriented Programming | • Operating Systems | • Database Systems |
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Leadership and Achievements

- Python foundation Certification** : Infosys Springboard.
- 100+ DSA** problem solved on various coding platforms.
- Active Participation in **Adobe GenSolve Hackathon 2024**.
- Active Participation in **Flipkart Grid 6.0 2024**.