YASH AGRAWAL

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Technical Skills

Languages: C, Java, Python, Html, CSS, JavaScript, SQL
Frontend: React.js
Backend: Flask, Node.js, Express.js
Databases: SQL (MySQL, SQLite, PostgreSQL), NoSQL (MongoDB)
Tools & Technologies: Git, RESTful APIs(Postman), Render

Professional Experience

Infosys Limited   **OCT 2022 - Present**
System Engineer
- Collaborated with cross-functional teams to develop and maintain software solutions.
- Supported system design, implementation and testing phases of projects.
- Demonstrated proficiency in troubleshooting and resolving technical issues.
- Developed strong problem-solving skills while ensuring adherence to project timelines and quality standards.
- Also acquired knowledge in Windows Admin, Active Directory Admin, Red Hat Enterprise Linux OS, Exchange Server Admin, Networking.

Cetpa Infotech   **MAY 2022 – OCT 2022**
Intern
- Developed and maintained various web applications using Flask, and NodeJS.
- Designed responsive front-end interfaces using HTML, CSS, and JavaScript frameworks.
- Implemented authentication and authorization mechanisms to ensure application security
- Implemented RESTful APIs to facilitate communication between front-end and back-end systems, resulting in improved performance and scalability.
- Optimized database queries and data models to enhance application speed and efficiency.

Projects

E-commerce Platform
- Developed a scalable e-commerce platform using Django and React.js. Implemented features such as user authentication, product search, and checkout functionality. Integrated payment gateways for secure transactions.

Task Management App
- Created a task management application using Flask and AngularJS. Designed a responsive user interface for task creation, assignment, and tracking. Implemented RESTful APIs for seamless communication between front-end and back-end.

Recipe Sharing Website
- Built a recipe sharing website using Django, allowing users to post, share, and search for recipes. Implemented user authentication and authorization features to control access to recipes. Utilized PostgreSQL for storing recipe data and implemented full-text search functionality.

Blog Platform (BlogNest)
- An online blog portal project made using Python and Flask is a web application that allows users to create, publish, and manage their blog posts. The project typically involves using databases to store user data and blog posts, implementing CRUD (Create, Read, Update, Delete) functionality, and providing a user-friendly interface for managing and reading blogs.

Bank Management System
- Architected a robust desktop application that seamlessly integrated with a JDBC database, providing efficient user account management capabilities for enhanced user experience and data organization.

Achievements

- Achieved qualification in the **Graduate Aptitude Test in Engineering (GATE)** in 2023 and 2024.
- 200+ Leetcode problems solved.
- Tech Head for the college fest, demonstrating strong leadership and teamwork.

Education

Bachelor of Technology (CS&E)   **2018-2022**
School of Management Sciences (AKTU)   8.58 CGPA
12th   **2018**
Children College Azamgarh (ISC)   72.00%
10th   **2016**
Children College Azamgarh (ICSE)   75.83%