DISHANT DUA

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Summary

Software Engineer with 1+ year of experience in backend development, specializing in C#, .NET, and Spring Boot. Contributed to building scalable tools in the fintech domain that improved trading workflows and reduced manual processing time by 30%. Skilled in SQL Server, WPF, and API design. Currently upskilling in AI/ML through Python-based projects focused on computer vision and data automation. Demonstrated ability to deliver production-ready solutions in fast-paced environments.

Experience

Move37 Capital
Software Engineer

May 2023 – Present
Bangalore, India

- Engineered backend modules in C# for fintech systems, streamlining trade data entry and reducing processing time by 25%.
- Designed and deployed RESTful APIs to manage trade data and internal operations.
- Created and scheduled console applications to automate batch processing, reducing manual interventions.
- Utilized SQL Server for complex queries, stored procedures, and performance optimization.
- Configured and maintained IIS-hosted applications, achieving 99.9% uptime.
- Explored Vision Transformer architectures using Python to support quant research efforts.
- Built internal utilities for data preparation and analysis using Spyder IDE and Python.

Mountblue Technologies
SDE Trainee

Jan 2024 – Present
Bangalore, India

- Trained on Git, CLI, Core Java, SQL, JSP/Servlet, and Spring Boot.
- Developed blog and video conferencing platforms with authentication and real-time communication.
- Integrated REST APIs with MySQL and implemented core backend logic.

Education

Chitkara University
Bachelor of Engineering in Computer Science

Aug 2020 – Jul 2024
Rajpura, Punjab

Skills

Languages: Java, C#, Python (Basic), SQL

Frameworks: Spring (Boot, MVC, Security), .NET Framework

Database Management: PostgreSQL, MySQL, SQL Server

Tools: Visual Studio, IntelliJ, Eclipse, Spyder, Git, IIS, Swagger

Currently Exploring: Machine Learning, Scikit-learn, Pandas, Numpy, Vision Transformers

Projects

Blog Application *(Mar 2024)* — Spring Boot, Java, MySQL
- Created a blogging platform with secure user authentication and role-based access using Spring Security.
- Built RESTful APIs for content publishing and connected backend to MySQL database.

Zoom Clone *(Apr 2024)* — Spring Boot, Java, SDK
- Engineered real-time conferencing features including video, screen sharing, and group chat.
- Utilized third-party SDKs for efficient media handling and latency optimization.

YouTube Clone *(Apr 2024)* — Spring Boot, Amazon S3, PostgreSQL
- Implemented a secure video upload workflow with Amazon S3 and access token validation.
- Designed PostgreSQL schema to manage user data and video metadata effectively.

Learning & Interests

Currently learning fundamentals of AI/ML via Python with projects in data processing and computer vision.

Exploring AI applications in financial technology such as alpha generation, forecasting, and automation.

Building side projects to integrate intelligent decision-making into backend systems.

Extracurricular

Logistic Team Head, Bits and Bytes Club, Chitkara University
Organized and led logistics operations for club events, ensuring seamless execution and fostering teamwork among members.

Member, Chitkara University Official Cricket Team
Contributed actively to the university's cricket team, showcasing sportsmanship and collaborative spirit in competitive tournaments.