Sunil Kumar M.R

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Shivamogga, Karnataka

Profile Summary

Motivated and fast-learning Computer Applications graduate with hands-on experience in full-stack web development and backend systems using Python, FastAPI, and SQL. Skilled in building secure, scalable, and responsive web applications, with academic projects simulating real-world systems. Familiar with asynchronous programming, REST APIs, and database operations. Eager to apply problem-solving skills and grow in a collaborative engineering environment.

Technical Skills

Languages & Frameworks: Python (OOP), FastAPI, Flask, PHP, C#, JavaScript
Data & Backend: MySQL, SQL Server, PySpark (DataFrames, SQL), Kafka (basic), JSON, REST APIs
Dev Tools: Git, Docker (basic), Jenkins (basic), Swagger (API spec), Visual Studio
Concepts: Microservices, Asynchronous Programming, Event-driven Architecture, Test Driven Development
Soft Skills: Problem Solving, Critical Thinking, Communication, Agile Basics

Experience

- Software Developer – Startup Project Experience

Jan 2024 – May 2024 | Startup-based experience
- Worked on real-time ERP software for a small startup
- Involved in giving client demos and improving features
- Used C#, MVC, and SQL Server for development
- Gained experience in teamwork, communication, and customer interaction

Projects

- **Spotify Clone – MERN Stack**

Developed a full-featured music streaming web application similar to Spotify using the MERN stack.
Implemented features like user login, playlist creation, song streaming, and a modern responsive UI.

Integrated MongoDB for storing user and playlist data, and used Express.js for backend APIs. React was used for a smooth, dynamic frontend with real-time state management.

- **Online Ticket Booking System**

Developed a web application for users to search, select, and book tickets in real time. Implemented user authentication, seat selection, and admin dashboard for event management.
Technologies used: PHP, MySQL, HTML, CSS, JavaScript.

- **Image Steganography Tool**

Built a CLI-based tool to securely hide and retrieve text data within image files using Python. Used OpenCV and NumPy for image processing and applied LSB encoding technique.

Education

Bachelor of Computer Applications (BCA)

Kuvempu University | 2021 – 2024 | CGPA: 7.28/10

Languages

English, Hindi, Kannada