Bathini Venkata Tejasri

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Professional Summary

Computer Science undergraduate, aspiring full-stack developer and deep learning enthusiast. Skilled in Java, Spring boot, and building applications with clean UI, REST APIs, and modular architecture. Enjoys solving problems, writing clear code, and working in Agile teams..

Technical Skills

Languages: Python, JavaScript, Java, HTML, CSS
Frontend: React.js, Tailwind CSS, Framer Motion
Backend: Spring, Spring Boot,Flask(basic)
Databases: MySQL
Tools/Tech: REST APIs, Git, GitHub, Postman
Core Skills: MVC architecture (Spring Boot), modular design, version control, SDLC awareness

Major Projects

MedicalShop Automation System – Full-Stack Inventory & Billing App
React.js, Spring Boot, REST API, MySQL, SDLC
github.com/TEJASRI-44/medicalshop-automation
- Built a full-stack medical shop management system with modules for billing, inventory, supplier management, and user authentication.
- Developed secure and scalable RESTful APIs using Spring Boot to handle backend logic and database operations.
- Created responsive front-end interfaces using React.js with dynamic routing and state management.
- Integrated MySQL for data persistence and implemented backend validation for data consistency.
- Followed structured SDLC practices including modular design, component reuse, and version control with Git.

Deepfake Detection System (AI-Based)
React.js, Flask, TensorFlow, Tailwind CSS, Chart.js
github.com/TEJASRI-44/deepfake-detection-system
- Built an end-to-end fake content detection system using two deep learning models: a CNN for image classification and a 3D CNN for video classification.
- Developed a Flask backend that preprocesses inputs, extracts video frames, and predicts authenticity using trained TensorFlow models.
- Implemented file upload handling, API integration, and real-time visualization of predictions via Chart.js (pie + bar).

Minor Projects

To-Do List Web Application
Java, Spring Boot, JSP, MySQL
github.com/TEJASRI-44/Todo-list
- Built a structured full-stack Java web app following the MVC design pattern using Spring Boot and JSP.
- Designed RESTful APIs for task operations and connected them with a MySQL backend.
- Implemented complete task lifecycle features including add, update, and delete with form validations.

Online Voting System
HTML, CSS, JavaScript, PHP, MySQL
github.com/TEJASRI-44/online-voting-system
- Supported live vote tallying, candidate CRUD, and responsive layouts.
- Applied basic authentication and form validations.

Education

B.Tech in Computer Science and Engineering, RGUKT RK Valley
2022 – Present **CGPA: 9.44**

Pre-University Course (MPC), RGUKT RK Valley
2020 – 2022 **CGPA: 10.0**

SSC, ZPHS Chollaveedu
2019 – 2020 **CGPA: 10.0**

Certifications

- Web Development Internship – Plasmid

Achievements

- Solved 300+ DSA Problems – LeetCode, GFG, CodeChef
- NMMS National Merit Scholarship Holder

Soft Skills

Problem-solving and debugging
Clear communication and teamwork
Ownership, time management, and adaptability