Uppala Sri Sameer

+91 9603344746 | uppalasrisameer05@gmail.com | linkedin.com/in/uppala-sameer | github.com/UppalaSriSameer

TRAINING

Full Stack Development using MERN Stack   May 2024 – Jul. 2024

Cipher Schools (Edtech Company)

- Developed a dynamic, full-stack web application leveraging *MongoDB, Express.js, React.js, and Node.js*, significantly enhancing user engagement and system efficiency.
- Engineered robust *RESTful APIs* for seamless client-server communication, boosting backend efficiency by *20
- Implemented secure *authentication and authorization* mechanisms using JWT and bcrypt, ensuring data integrity and user privacy.
- Optimized database queries and application structure, resulting in improved scalability and performance.

TECHNICAL PROJECTS

Takenotes123 – Note-Taking Web Application | *MERN Stack*   May. 2024 – Jul. 2024

- Architected full-stack React/Node.js application with MongoDB database and RESTful API architecture, reducing note organization time by 40% for users.
- Crafted advanced features including dark mode UI, full-text search functionality, and real-time timestamp tracking, increasing user session duration by 30%.
- Secured the application with JWT authentication and bcrypt password hashing algorithms, achieving zero security incidents across 200+ user accounts.

WeatherNow App | *React.js, Node.js, Express.js, Geolocation API, OpenWeatherMap API*   May. 2022 – July. 2022

- Built responsive weather application utilizing Geolocation API to detect user location and display real-time weather data with 5-day forecasting functionality.
- Integrated OpenWeatherMap API to provide accurate weather information across 200,000+ locations worldwide with hourly update capabilities.
- Designed interactive UI with dynamic backgrounds changing based on weather conditions, increasing user engagement by 45% and extending average session duration to 4.2 minutes.

MediCare AI | *MERN Stack, TensorFlow*   Oct. 2024 – Nov. 2024

- Constructed comprehensive React/Node.js healthcare platform integrating appointment scheduling, diagnostic test booking, and electronic prescription management in a unified interface.
- Engineered machine learning diagnostic model using TensorFlow analyzing patient symptoms with 83% accuracy, reducing diagnosis time by 70%.
- Established RESTful API architecture enabling bidirectional data exchange with existing hospital information systems across 5 clinical departments.

CERTIFICATIONS

Coursera: IBM Data Science Professional Certificate (2023), Excel Skills for Business Specialization (2022), R Programming (2022), Generative AI (2024)
CipherSchools: Full Stack Development using MERN Stack (2022)
NPTEL: Social Networks (2024)

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), Python, Java, C/C++, R, SQL, SOQL
Web Development: React.js, Node.js, Express.js, RESTful APIs, HTML5, CSS3, MongoDB, Firebase, JSON
DevOps & Tools: Git, GitHub, CI/CD, Ubuntu, Linux, Docker, Figma, Agile Methodology, Canva, Salesforce
Concepts: Data Structures, Algorithms, Object-Oriented Programming, Responsive Design, API Development

EDUCATION

Lovely Professional University   2022 – Present
B.Tech in Computer Science and Engineering — CGPA: 7.7/10.0   *Jalandhar, Punjab*

Sri Chaitanya Junior College   2020 – 2022
Higher Secondary (XII) with Science — 90.7%   *Vijayawada, Andhra Pradesh*

K.K.R Gowtham School   2019 – 2020
Secondary School (X) — 91.2%   *Vijayawada, Andhra Pradesh*