Rajoli Srinivas

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About Me

Full Stack Web Developer skilled in React, Django, and SQL with experience building scalable web applications, responsive front-end interfaces, and optimized back-end logic. Strong foundation in data analytics and machine learning integration. Adept at designing reusable components, managing efficient database interactions, and delivering user-centric solutions.

Technical Skills

Frontend: HTML5, CSS3, Bootstrap, JavaScript (ES6+), React

Backend: Python, Django, REST APIs

Database: SQL, MySQL

Tools and Platforms: Git, GitHub, Netlify, PowerBi, Responsive Design, Authentication, Deployment

Projects

ENLITE – Energy Efficiency Recommendation System

Description: Developed a full-stack web application that predicts energy consumption and provides personalized energy-efficiency recommendations. The system analyzes user data and generates reports to support data-driven energy-saving decisions.

Tools and Technologies: React.js, Django, Python, REST APIs, HTML, CSS, JavaScript, MySQL, Authentication (JWT), Vercel, Render

Challenges and Solutions: Ensuring secure authentication and role-based access was challenging. This was addressed by implementing token-based authentication and protected API endpoints. Frontend responsiveness was improved using reusable React components and responsive layouts.

Live Link: https://enlite-new-project-w3ks-1pt5ljvar-r-srinivas-projects-0a735705.vercel.app/

Travel Cost and Packages Recommendation System

Description: Built an ML-based recommendation system that suggests travel packages based on user preferences, destination, duration, and budget. The platform provides real-time cost estimation to help users plan trips efficiently.

Tools and Technologies: Python, Machine Learning, React.js, Flask, REST APIs, HTML, CSS, JavaScript, Netlify, Render

Challenges and Solutions: Designing accurate recommendations with limited user input was a challenge. This was solved by implementing preference-based filtering and weighted scoring logic. Performance was improved by optimizing API calls and caching frequently used responses.

Live Link: https://travelcostandpackagesrecommendation.netlify.app/

Simple, Scientific, and Business Calculator

Description: Designed a responsive multi-mode calculator supporting basic, scientific, and business calculations. The application includes currency conversion, calculation history, and theme toggling to enhance usability.

Tools and Technologies: HTML, CSS, JavaScript, External Currency Exchange APIs, Netlify

Challenges and Solutions: Managing multiple calculation modes and UI states was complex. This was handled using modular JavaScript functions and state-based UI updates. API reliability was ensured by handling errors and fallback values.

Live Link: https://simple-and-scientific-calculator.netlify.app/

Internship Experience

Full Stack Web Development Intern, Social Prachar   Apr 2025 – Present
- Designed dashboards and webpages with secure access control.
- Built responsive UI components and interactive charts.
- Optimized APIs, reducing load time by 30

Data Analytics Internship, Besant Technologies   Oct 2025 – Nov 2025
- Gained hands-on experience in SQL and Power BI.
- Created interactive dashboards for multiple datasets.
- Improved ability to derive meaningful insights from structured data.

Data Science and AIML Internship, YBI Foundations   Sep 2024 – Oct 2024
- Gained experience with innovative technologies in AI/ML.
- Applied problem-solving techniques to achieve accurate outcomes.
- Strengthened analytical thinking and project execution skills.

Education

- **MCA** – Annamacharya Institute of Technology and Sciences, Cuddapah
  (2023–2025) | CGPA: 8.79

- **B.Sc (M.S.Cs)** – Sri Venkateswara Degree College, Cuddapah
  (2020–2023) | CGPA: 7.66

- **Intermediate (MPC)** – Narayana Junior College, Cuddapah
  (2018–2020) | CGPA: 8.79

- **SSC** – Sai Baba High School, Cuddapah
  (2017–2018) | CGPA: 9.2

Declaration

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned.

Rajoli Srinivas