

# Rajoli Srinivas

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LinkedIn — Portfolio — GitHub

## PROFILE

Full Stack Web Developer with hands-on experience in building scalable web applications using React, Django, and SQL. Developed secure REST APIs with JWT authentication and optimized backend performance. Strong experience in database-driven applications, API integration, deployment, and collaborative development using Git-based workflows. Passionate about writing clean, maintainable code and delivering reliable end-to-end software solutions.

## EXPERIENCE

**Full Stack Intern** Apr 2025 – Dec 2025  
Social Prachar Hyderabad

- Collaborated with the development team to design and build 5+ complex dashboard application modules using Python and Django.
- Strengthened system security by implementing JWT-based authentication mechanisms.
- Engineered role-based access control (RBAC) and enhanced backend APIs, reducing system latency by approximately 30%.

**Data Analytics Intern** Oct 2025 – Nov 2025  
Besant Technologies Remote

- Analyzed large-scale datasets containing 10,000+ rows using SQL to extract actionable business insights and trends.
- Created 4+ interactive Power BI dashboards for data visualization and high-accuracy reporting.

**Data Science & AIML Intern** Sep 2024 – Oct 2024  
YBI Foundations Remote

- Built Machine Learning models and increased prediction accuracy through feature engineering and exploratory data analysis (EDA).

## TECHNICAL SKILLS

**Languages:** Python, JavaScript (ES6+), HTML5, CSS3

**Frameworks:** Django, React 19, Django REST Framework, Bootstrap, Tailwind CSS

**Database:** MySQL, SQL

**Tools:** Git, GitHub, Netlify, Vercel, Render, Power BI

## PROJECTS

### ENLITE – Energy Efficiency Recommendation System

- Engineered an energy analytics platform utilizing 6+ user inputs to estimate consumption and generate data-driven insights.
- Designed and secured 10+ RESTful APIs with JWT-based authentication for enhanced security and data integrity.
- Improved page load speed by approximately 25% using reusable React components and frontend optimization techniques.

Live: Live — GitHub: GitHub — Demo: Demo

### Travel Cost and Packages Recommendation System

- Architected a recommendation engine using 5+ user preference parameters and integrated it with a Flask backend.
- Integrated Flask APIs with a React frontend for real-time cost estimation and dynamic UI updates.
- Reduced API response time by approximately 30% through backend query optimization.

Live: Live — GitHub: GitHub — Demo: Demo

### Simple, Scientific and Business Calculator

- Implemented 25+ arithmetic, scientific, and business operations including financial and statistical calculations.
- Integrated real-time currency conversion using external APIs to support global financial computations.

Live: Live — GitHub: GitHub

## EDUCATION

**Master of Computer Applications (MCA)** 2023 – 2025  
Annamacharya Institute of Technology and Sciences CGPA: 8.79

**B.Sc (Mathematics, Statistics, Computer Science)** 2020 – 2023  
Sri Venkateswara Degree College CGPA: 7.66