

Rajashekhar Egurla

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LinkedIn — GitHub

Profile Summary

Python Developer with hands-on real-time experience in building scalable backend systems, REST APIs, and NLP-driven automation. Skilled in AI-powered solutions like embeddings-based scoring, ML/DL models, and AWS deployments. Also familiar with the basics of React.js for frontend integration.

Experience

- **Innfidects Software Development and Marketing Pvt. Ltd** June 2025 – December 2025
Junior Software Developer Intern Hyderabad
 - Contributed to the development of RFP-Engine, an AI-powered automation platform for U.S. government proposals (SAM.gov, GSA eBuy, FedConnect).
 - Built and optimized REST APIs using Python, Django REST Framework, and MySQL.
 - Integrated OpenAI APIs to generate consolidated reports from multiple documents, significantly reducing manual document review time by 90%.
 - Integrated AI/NLP pipelines including tokenization, stemming, lemmatization, stopword removal, text cleaning, and embeddings.
 - Implemented BERT/Sentence-BERT-based opportunity scoring using vector similarity and embeddings.
 - Developed role-based authentication, secure data storage, and relational database structures in MySQL.
 - Worked on frontend tasks such as React.js UI updates, component modifications, and API integrations.
 - Designed and implemented real-time alerts and notification systems for user engagement.
 - Managed backend deployment on AWS EC2 using Gunicorn and Nginx.
 - Automated deployments with CI/CD pipelines using AWS tools (CodeCommit, CodePipeline).
 - [RFP Engine – Live Link](#)
- **Evoastra Ventures Pvt. Ltd** Jun 2024 – Aug 2024
Data Science Intern Hyderabad
 - Throughout my internship, I expanded my knowledge of the fundamentals of data science, data analysis, and data visualization while also gaining practical experience. I had the chance to work on practical projects that forced me to use my abilities and pick up new ones, greatly expanding my knowledge in the area.
 - Worked on a Kidney Disease Classification ML project and deployed it using AWS Beanstalk + CodePipeline.

Projects

- **Kidney Disease Classification — Python, ML, DL**
-Team Project: EVOASTRA VENTURES PVT LTD
 - Built a CNN model to classify kidney X-ray images into Normal, Tumor, or Stone.
 - Improved accuracy to **86%** using GridSearchCV.
 - Deployed using AWS Elastic Beanstalk + CodePipeline.
- **E-Commerce Website — React.js, TailwindCSS**
- Developed a responsive e-commerce web app with authentication and dynamic cart management.
- Implemented state management using React Hooks and reusable UI components.
- Deployed the production build on Vercel for fast and stable hosting ([Github](#)) and ([Live Demo](#))

Education

- **Malla Reddy Institute of Technology and Science** 2020 – 2024
B.Tech CSE — CGPA 7.19/10 Hyderabad, Telangana
- **SR Junior College** 2018 – 2020
MPC — 938/1000 Karimnagar, Telangana
- **ZPHS Vattemla** 2017 – 2018
SSC — GPA 7.3/10 Rajanna Sircilla, Telangana

SKILLS

Programming Languages: Python, SQL

Backend & APIs: Django, Django REST Framework (DRF), RESTful API Design

Databases: MySQL

Frontend: HTML, CSS, JavaScript, React.js

AI / Machine Learning: Machine Learning, Deep Learning, Natural Language Processing (NLP)

Cloud & DevOps: AWS (EC2, S3), Elastic Beanstalk, Nginx, Gunicorn, CI/CD (CodeCommit, CodePipeline)

Other: Data Structures & Algorithms, Data Analysis, Model Deployment

Certifications

[Internship Certificate – Innfidects](#)
[Data Science Intern – Evoastra Ventures](#)

[Machine Learning with Python](#)
[Data Structures & Algorithms – Udemy](#)