

# Rohith Uppunuthula

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## Education

### SR University

Bachelor of Technology in Computer Science  
Current CGPA: 9.8/10.0

2023 - 2027  
Warangal, Telangana

## Experience

### Starly Solutions Pvt. Ltd. (Servy CRM)

Jan 2026 - Apr 2026

Machine Learning Intern

- Built **ServyPredict**, an ML prediction engine for demand forecasting, customer churn, and escalation risk — giving business teams real-time operational forecasts and replacing manual estimation.
- Developed **REST APIs** for ML predictions on datasets exceeding **2,000,000 rows**, with background model loading to reduce latency and avoid request timeouts under peak load.
- Contributed to a **Field Service Management (FSM)** platform serving multiple client organizations; built a **dynamic escalation engine** that automated issue routing at runtime, eliminating manual workflows.

### Starly Solutions Pvt. Ltd. (Servy)

Nov 2024 - Apr 2025

Data Analytics Intern

- Processed **14,635 real trip events** from **2,272 field technicians** through a multi-pass pipeline, transforming raw Excel data into structured, analysis-ready outputs.
- Built a trip log analytics dashboard across **3 iterations** with Haversine distance tracking and per-technician timelines, exporting **17 PDF and HTML reports** per technician.
- Automated report generation, reducing manual effort **from hours to seconds** and delivering timestamped reports ready for field operations distribution.

## Technical Skills

- Programming:** Python | Java | JavaScript
- Databases:** MySQL | SQLite
- Frameworks:** Django | Scikit-learn | Pandas | NumPy
- Tools:** Git | VS Code | GitHub
- Web:** HTML | CSS | Bootstrap | SweetAlert.js
- ML & AI:** Data Analysis | Machine Learning
- Core CS:** Data Structures & Algorithms | OOPs | DBMS | Operating Systems

## Projects

### KISANYANTRA.IN : AGRICULTURAL AI PLATFORM | DJANGO, SCIKIT-LEARN, TENSORFLOW, BOOTSTRAP

- Built a Django-based agricultural AI platform with crop prediction, yield forecasting, disease detection, and climate impact analysis — serving farmers with data-driven cultivation decisions.
- Developed ML models on datasets up to **1,000,000 rows**, achieving **99% crop prediction accuracy** and **92.5% CNN accuracy** for rice disease detection.
- Built anomaly detection on **345,000** crop records and climate forecasting projected to **2050**, helping identify yield crashes and plan future agricultural output.

### PEDALSHARE : PEER-TO-PEER CAMPUS CYCLE RENTAL PLATFORM | DJANGO, PYTHON, JAVASCRIPT, SQLITE

- Built a full booking lifecycle with an **in-app wallet**, **Google SSO**, and automatic user creation — enabling students to rent, pay, and manage cycles without leaving the platform.
- Improved performance by restructuring into **6 independent apps** with DB indexing and query optimization, reducing N-plus-1 queries and deployed with **Gunicorn and WhiteNoise**.

### LOANPREDICT.AI : AI-POWERED LOAN ELIGIBILITY PLATFORM | DJANGO, XGBOOST, HTML, CSS

- Built a loan eligibility platform using **XGBoost** fitted on **52,000 records**, achieving **85% accuracy** and **0.82 ROC-AUC** — simulating a real bank screening system.
- Developed a **4-step application form** with live EMI preview and instant decisions, giving applicants a confidence score and specific reasons for rejection.
- Deployed on **Render** with full **SSL/CSRF** security, **WhiteNoise** static serving, and a Django Admin dashboard for reviewing all submissions.

## Achievements & Honors

- Selected for internal rounds of **Smart India Hackathon (SIH)** based on **project innovation** and **technical merit**.
- Runner-up** at **Technozion Hackathon**, competing against **multidisciplinary teams** and delivering a **functional technical solution**.

## Additional Certifications

Microsoft Certified: Azure AI Fundamentals (AI-900)

Aug 2025