

Sirisha Fulara

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Education

Maharaja Surajmal Institute of Technology
B.Tech-IT
Delhi, India

[2023-2027]

Projects

1.Route Optimizer (<https://route-optimizer-2.onrender.com>)

Tech: C++, Python, Flask, REST API

- Built Dijkstra's algorithm in C++ for optimal route planning.
- Linked C++ with Flask backend for smooth API communication.
- Designed REST APIs for fast, scalable route queries.

2.QuoteCraft (<https://quotecraft.onrender.com/>)

Tech: Python, React, Machine Learning, Flask, JWT Authentication

- Built a full-stack app generating AI-curated motivational quotes using NLP.
- Developed a Flask backend + React frontend for smooth ML integration.
- Deployed on Render with real-time quote generation and seamless UX.

3.Predictify (<https://predictify-1.onrender.com>)

Tech: Python, Flask, React, Machine Learning, REST API

- Built an AI/ML-powered loan approval system for accurate eligibility prediction.
- Included SHAP feature and dashboard for visualization.
- Developed a Flask backend with ML models and integrated a React frontend.
- Designed REST APIs for seamless client-server communication and deployment.

4.PitchBotX (<https://pitchbotx.onrender.com/>)

Tech: Python, Flask, React, Gemini API, Spline, AI

- Built an AI-powered pitch generator to craft startup pitches dynamically.
- Integrated Flask backend with Gemini API for NLP-driven pitch creation.
- Developed a React frontend for smooth user interaction and real-time output.

Technical Skills

- **Languages:** C++, Python, SQL
- **CS Fundamentals:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP)
- **AI/ML:** Machine Learning, Deep Learning, NLP, Neural Networks
- **Frameworks:** Flask, React.js
- **Databases:** MySQL, MongoDB
- **Tools:** Git, Framer

Soft Skills

- Problem Solving & Analytical Thinking
- Effective Communication & Collaboration
- Content Writing (Certified by E-Cell)

Certifications

- Object Oriented Programming in C++ – [[View Certificate](#)]
- Web Development – [[View Certificate](#)]
- Python Programming – [[View Certificate](#)]
- Machine Learning & AI – [[View Certificate](#)]
- AI Fundamentals by IBM – [[View Certificate](#)]