

TOVI VIKAS RAJ

vikastovi@gmail.com | +91 6302233755 | www.linkedin.com/in/vikas-tovi-8a87522a5

PROFESSIONAL SUMMARY

Computer Science Engineering graduate with hands-on experience in full-stack web development using Python, Flask, React, JavaScript, TypeScript, PostgreSQL, and REST APIs. Built AI-powered and database-driven web applications with a strong foundation in Data Structures & Algorithms, Object-Oriented Programming, and backend development. Passionate about building scalable software solutions and continuously learning modern technologies.

EDUCATION

B.Tech in Computer Science and Engineering CMR University, Bengaluru, CGPA : 7.2	2022 - 2026
Intermediate and Schooling Narayana College, Adoni - 77% St. Joseph's School, Adoni - 77%	2020 - 2022

TECHNICAL SKILLS

Languages: Python, Java, SQL, JavaScript, Typescript
Frontend: HTML, CSS, React
Backend: Flask, REST APIs
Database: PostgreSQL, SQLite
Tools: Git, GitHub, Linux, VS Code
Concepts: DSA, OOP, Authentication, CRUD, Responsive Design

PROJECTS

AI-Powered Travel Planner

(React • TypeScript • Flask • REST APIs • AI Integration)

- Built an AI-powered travel planning platform that generates personalized travel itineraries based on user preferences, destination, and budget.
- Developed a responsive React frontend and Flask backend with RESTful APIs to handle itinerary generation and application logic.
- Integrated AI services to provide dynamic travel recommendations and optimized PostgreSQL for efficient data management.

Habit Tracker Web Application

(Python • Flask • PostgreSQL • HTML • CSS • JavaScript)

- Developed a full-stack habit tracking application with secure user authentication.
- Implemented CRUD operations, habit streak tracking, and personalized dashboards.
- Used PostgreSQL for persistent data storage and responsive web interfaces.

Phishing URL Detection System

(Python • Machine Learning • Flask)

- Developed a phishing URL detection system using URL feature extraction techniques.
- Analyzed URL patterns and HTTPS usage to identify potentially malicious websites.
- Designed a modular architecture to support future machine learning integration.

SOFT SKILLS

- Problem Solving
- Adaptability
- Communication
- Team Collaboration