

PRATHAMESH PATIL

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CAREER OBJECTIVE

To continuously enhance my knowledge, skills and experience by getting involved in challenging work environment and utilize them for personal and organizational growth to the best of my ability.

EDUCATION

Global Academy of Technology

2020 – Present

B.E Honours - CGPA - 9.32

Bengaluru

EXPERIENCE

SustainEdge Consulting

Feb 2024 – Present

Front End Developer

Bengaluru

- I am working as a ReactJS front end developer and my responsibilities was to develop a web application which is **responsive and User-friendly optimized**.
- The application is developed for more than **10000** users to efficiently access the application.

PROJECTS

Zoo Management System | [MySQL](#), [php](#), [Xampp](#)

- Designed and developed a Database Management system for the zoo.
- Implemented features for animal records, staff management, and visitor tracking, demonstrating database design skills.

My Portfolio | [ReactJS](#), [Tailwindcss](#)

- Crafted a dynamic portfolio website displaying projects, technical skills, and contact info. Designed intuitive, responsive UI for seamless accessibility across devices.

Digital Steganography | [ReactJS](#), [Cryptography](#)

- Digital Steganography is a tool which conceals sensitive data within images for secure communication.
- Digital steganography plays a significant role for covert communication, watermarking, Addressing privacy and security challenges.

Chat with Multiple Pdf | [langchain](#), [Gemini AI](#), [Streamlit](#)

- Simplifies PDF preprocessing with Langchain framework for enhanced accessibility.
- Employs embeddings for precise information retrieval, facilitating accurate responses through similarity search using Google Gemini Pro model.

Text to SQL Query | [langchain](#), [Gemini AI](#), [SQL](#)

- This project is a text-to-SQL tool with Google Gemini Pro, making it easier to ask questions in plain language and get data.
- Showcased skills in understanding language and managing data, making it simpler for everyone to find information.

Movie Recommendation System | [Machine Learning](#), [Cosine Similarity](#), [NLP](#)

- Engineered a movie recommendation system utilizing collaborative filtering techniques, optimizing for personalized recommendations.
- Implemented algorithms capable of analyzing user preferences and recommending relevant movies, enhancing user satisfaction and engagement.

Traffic Sign Recognition model | [Tensorflow](#), [CNN](#), [Matplotlib](#)

- Developed a customized CNN architecture for traffic sign recognition, achieving enhanced accuracy rates.
- Trained the model using a diverse dataset encompassing various environmental conditions and damaged signs, enabling robust recognition even under adverse circumstances.

TECHNICAL SKILLS

Languages: Python, Java, C, HTML, CSS, JavaScript, SQL
Developer Tools: VS Code, Google Colab, Jupyter Notebook, Matlab, Github
Technologies/Frameworks: ReactJS, Tailwind, NodeJS, ExpressJS, Mongo, Tensorflow, Langchain
Data Analysis: Pandas, Numpy, Scikit-learn, Matplotlib, Statsmodels

SOFT SKILLS

- | | | | |
|------------------------|----------------|---------------------|-----------------------|
| • Problem Solving | • Adaptability | • Critical Thinking | • Attention to Detail |
| • Strong Communication | • Teamwork | • Time Management | • Leadership |

COURSEWORK

- | | | | |
|--------------------------------|-------------------------------------|---------------------------|-------------------------------|
| • Data Structures & Algorithms | • Computer Networks | • System Architecture | • Web Development |
| • Operating Systems | • Database Management System (DBMS) | • Artificial Intelligence | • Object-Oriented Programming |

EXTRACURRICULAR

Cyber Security Team (Secure Tech) <i>Student Representative</i>	2021 – Present <i>Global Academy of Technology</i>
• Actively contributed as a member of the Secure Tech Club within the Computer Science Department. Participated in various coding events and activities, fostering collaboration, and knowledge sharing with fellow club members.	

NSS Organization <i>Student Volunteer</i>	2021 – Present <i>Global Academy of Technology</i>
• Actively contributed as a member of the NSS Organization. Participated in various events and activities, fostering collaboration and community engagement.	

CERTIFICATIONS

- Natural Language Processing a course certified by NPTEL
- SQL(intermediate) certified from HackerRank
- Google cybersecurity course certified by coursera