

PARTH R. KATKE

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EDUCATION

SGGSIE&T, Vishnupuri

Bachelor of Technology in Computer Science and Engineering

Shivaji Mahavidyalaya

HSC(12TH) PERCENTAGE: 88.67

Bright Star Public School

SSC(10TH) PERCENTAGE: 80.40

Nanded, Maharashtra

Dec 2021 - May 2025

Udgir, Maharashtra

Jul 2019 - May 2021

Udgir, Maharashtra

Jul 2018 - May 2019

PROJECTS

Genica - AI-Powered CRM Assistant

- Engineered an open-source AI chat agent that leverages the Gemini API to translate natural language into structured data, automating contact and task management within Monica CRM.
- To achieve this, authored a dedicated Python helper library to streamline all REST API calls, authentication, and error handling.
- Technologies Used: Python, GeminiAPI, Monica CRM API, etc.

Emotion Analysis using Deep Learning

- Developed an ML model to classify emotions from text using LSTM and Transformer-based MiniLM. Achieved over 90% accuracy on test data.
- Engineered and visualized datasets using pandas, matplotlib, and seaborn; deployed interactive UI via Gradio.

Full Stack Authentication System

- Developed a Secure Authentication System: Utilized React, Node.js and MongoDB to design and implement a robust authentication system that ensures secure user login and registration processes.
- Integrated crucial features such as password hashing, session management(JWT), and input validation to enhance security and user experience. Implemented role-based access control & user management.

SKILLSET

Technical Skills

Languages: Python, C, JavaScript

Machine Learning: PyTorch, Scikit-learn, TensorFlow

Web Development: React.js, Node.js, RESTful APIs, HTML, CSS

Frameworks & Libraries: NumPy, Pandas, Matplotlib, Tkinter

Databases: MongoDB, MySQL

Core: Networking, OS, Data Structures & Algorithms, OOP, DBMS, Software Engineering

Tools & Platforms: Git, GitHub, Docker, Linux

Soft Skills: Problem-Solving, Critical Thinking, Effective Communication

Adaptability, Initiative, Team Collaboration

Languages: Fluent in Marathi, Hindi, English

CERTIFICATIONS

- TCS iON Career Edge Young Professional Certificate
- Google Gemini for Developers - LinkedIn Learning
- Large Language Models: Text Classification for NLP using BERT - LinkedIn Learning
- TCS CodeVita Season 12 Rank Certificate