PARTH R. KATKE

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EDUCATION

SGGSIE&T, Vishnupuri	Nanded, Maharashtra
Bachelor of Technology in Computer Science and Engineering	Expected May 2025
Shivaji Mahavidyalaya	Udgir. Maharashtra
HSC(12TH) PERCENTAGE: 88.67	Jul 2019 - May 2021
Bright Star Public School	Udgir. Maharashtra
SSC(10TH) PERCENTAGE: 80.40	Jul 2018 - May 2019

EXPERIENCE

Training and Placement Cell — SGGSIE&T
Member — Oct 2022 – May 2023
- Organized 5+ workshops with guest lecturers for 110+ attendees.
- Assisted in organizing Indian Air Force IPEV career guidance and exhibition drive.
- Delivered corporate skills workshops and promoted events through campus campaigns.

Drishti: Science & Tech — SGGSIE&T
Coordinator — Jan 2022 – Aug 2023
- Drishti is a magazine club for SGGS. It also organizes exhibitions annually.
- Responsible for setup and organizing the logistics of key events with 500-1000 attendees.
- Responsible for conducting technical research for the exhibitions and drafting brief articles about it.

PROJECTS

Full Stack Authentication System
- Developed a Secure Authentication System: Utilized React, Node.js and MongoBD 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.

Emotion Analysis using Machine Learning
- Built a machine learning model to classify 13 emotions from text using Naive-Bayes and Logistic Regression.
- Applied Python libraries (pandas, matplotlib, textblob) for data manipulation and visualization.

Finance Management System
- Developed a system for tracking assets/liabilities, generating balance sheets, and managing transaction dates using Python (tkinter) and MySQL. Enabled efficient financial tracking and data management.

Skillset

Technical Skills

Languages: Python, JavaScript, Rust, C
Web Development: React.js, Node.js, RESTful APIs, HTML, CSS
Frameworks & Libraries: Flutter, Pandas, NumPy, Matplotlib, SciPy, Tkinter, Pygame
Databases: MySQL, MongoDB
Machine Learning: Scikit-learn, TensorFlow, PyTorch
Core: Data Structures & Algorithms, OOP, OS, DBMS, Networking, 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