

PIYUSHA YOGESH PATIL

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OBJECTIVE

Computer Engineering scholar adept in Python, Java, C++, Data Structures & Algorithms, and Mobile Application Development Quick learner with strong teamwork, adaptability, and problem-solving abilities, seeking opportunities to apply knowledge and grow in the IT industry.

EDUCATION

All India Shri Shivaji Memorial Society's Polytechnic

Diploma in Computer Engineering, Pune

Jul 2021 — Jun 2024

92%

All india Shri Shivaji Memorial Society's Institute of Information Technology

Bachelor of Technology in Computer Engineering, Pune

Jul 2024 — May 2027

CGPA-8.52

SKILLS

Technical Skills:

- Programming Languages: Python, Java, C, C++
- Web & App Development: React.js, Mobile Application Development, Web Development
- AI & ML: Fundamentals of Artificial Intelligence & Machine Learning, Python Libraries (NumPy, Pandas, Scikit-learn basics)
- Tools & Platforms: Git, Visual Studio Code, Android Studio

Soft Skills:

- Adaptability and Flexibility
- Analytical Thinking & Problem-Solving
- Interpersonal Communication

WORK EXPERIENCE

Internship

Sofcon India Pvt Ltd, Pune

Jun 2023 — Jul 2023

- Acquired practical expertise in Python programming and investigated cutting-edge technologies. Developed and tested small-scale software solutions as part of training projects. Collaborated with the team to analyze problems and propose efficient solutions. Strengthened understanding of software development lifecycle and teamwork in a professional environment.

PROJECTS

MediCare-Unused Medicine Donation System

Technologies- HTML, JavaScript ,Bootstrap/Tailwind CSS,Python(Flask),MySQL,Google Maps API,Geolocation API,Rasa Chatbot Framework

Developed a web-based platform to enable people to donate unused medicines securely to nearby NGOs and healthcare organizations. Implemented a donation form, NGO locator using Google Maps API, and a donation confirmation module for smooth user experience. Integrated a Rasa-based chatbot for donor support and query handling. Built a personalized NGO recommendation system using Machine Learning, considering past donations, NGO ratings, and services.

TaxBuddy-AI powered tax assistant

<https://github.com/Piyusha-Patil/TaxBuddy>

Technologies- React.js (Frontend), Python (Flask/Django Backend), Machine Learning (scikit-learn, TensorFlow), Chart.js/Recharts (data visualization), Firebase (authentication & storage), GitHub.

Designed and developed a smart platform to assist users in filing Income Tax Returns (ITR) with AI-driven recommendations. Implemented a Tax Calculator for real-time computation of taxable income and liabilities. Integrated user tax analysis with visual charts and provided personalized saving & investment suggestions. Built a chatbot assistant to guide users through form filling and address tax-related queries.

