

TEJAS ULAWEKAR

Passionate software developer aiming to build innovative solutions

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WORK EXPERIENCE

Sahu Technologies pvt. Ltd.

Python Developer (Intern)

Dec 2022 - Feb 2023

- Automated repetitive data tasks with Python scripts, reducing processing time by 20% and saving 10+ hours weekly for the team.
- Designed and implemented streamlined data processing scripts that improved task execution times, enabling a reduction in manual input errors by 30 percent while maintaining optimal project timelines for deliverables.
- Mastered advanced techniques in Python coding through hands-on projects that directly increased script efficiency by 20 %, enabling quicker troubleshooting of technical issues encountered during collaborative tasks

EDUCATION

Pillai HOC college of Engineering and Technology

Dec 2021 – June 2025

Bachelor of Engineering (Computer Science and Engineering) - 8.4(GPA)

Changu Kana Thakur Jr. College

June 2020 - May 2021

HSC (Computer Science) - 84%

PROJECT

TransactPro

Tech stack: Ruby on Rails, PostgreSQL, robocop, RSpec, Devise, Tailwind

A secure and modular core banking system built using Ruby on Rails. The platform enables authenticated users to manage customer accounts, perform credit/debit transactions, and monitor account activity. The system supports account suspension/reactivation, ensuring proper control over account access. Sensitive data like account numbers are partially masked (e.g., *****3456) for enhanced privacy.

SignMaster

Tech stack: HTML, CSS, JavaScript, Canvas AP!

A web application that allows users to create, customize and download digital signatures. Users can choose pen color, background color, and adjust pen thickness for a personalized experience.

TravelDuo

Tech stack: HTML, CSS, JavaScript, PHP, MySQL

Developed a PHP and MySQL-based bike taxi booking platform with optimized database queries for real-time ride tracking, reducing booking time by 30%.

Visual Language Interpreter

Tech stack: HTML, CSS, JavaScript, Python, TensorFlow/keras

A web application that translates sign language gestures into human-readable text and speech, it bridges communication gaps for the mute and deaf community. The translation can be done in multiple Indian Languages.

SKILLS

- Programming Languages: **Ruby (on Rails), C, C++, Python, JavaScript, C#**
- Web Development: **WordPress, HTML5, CSS3, Tailwind CSS, React.js, Next.js, Ruby on Rails, Mendix (Basic)**
- Relational Databases: **SQLite3/PostgreSQL (via ActiveRecord)**
- Relevant Knowledge: **Data Structures & Algorithms, Computer Networks, MVC Architecture, RESTful API Design, Authentication & Authorization (Devise), JWT**
- Tools: **Git, GitHub, GitLab, VS Code, RuboCop, Cypress, Firebase, Cursor, Linux Ubuntu**
- Testing & Code Quality: **RSpec (testing), Cypress (E2E testing), RuboCop (linting)**
- Soft Skills: **Problem Solving, Teamwork, Adaptability, Clear Communication**

CERTIFICATE

- C++ Training program certificate**
- Core Python certificate**
- Data Structures training program certificate**
- MERN full stack development (ongoing)**