

Saswat Ku. Pradhan

saswatkumar.com

PYTHON DEVELOPER

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Profile

Experienced Python Full Stack Developer proficient in Django, Flask, React.js, and Vue.js, dedicated to creating user-friendly web apps and collaborating effectively in teams for top-notch results.

Experience

APCOSYS | Python Full stack Developer

Dec, 2023 – Current

- Developed user-friendly front-end interfaces and secure backends for Django projects.
- Integrated APIs seamlessly to enhance functionality and data exchange within applications.
- Managed project versions efficiently with Git, fostering smooth collaboration within the team, coordinating tasks, and incorporating feedback for project success.
- Hosted and maintained scalable, reliable, and secure applications on AWS cloud infrastructure.

FOLKSMEDIA | Python Backend Intern

Jul, 2023 – Sep 2023

- Acquired proficiency in utilizing FASTAPI and applied this knowledge in a real-time live project.
- gaining practical experience in developing high-performance web APIs.
- Developed and maintained backend features for web applications using Python and FASTAPI framework, contributing to the enhancement of overall system functionality.
- Collaborated with senior developers to troubleshoot and debug issues, gaining hands-on experience in problem-solving within a professional development environment.

Education

BCET, Balasore, Odisha | Graduation

2022

Stream: Computer Science & Engineering

University: BPUT, Rourkela, Odisha

SGPA: 8.33

SVM Keshabdham, Cuttack | Intermediate

2017

Board: CHSE, Odisha

Percentage: 66

K.S. High School, Balimunda | Schooling

2015

Board: HSCE, Odisha

Percentage: 75

Skills & abilities

- Hands on practice on use of Django and FASTAPI framework with Swagger UI and ReDoc.
- Know the use of REST framework and CRUD operations of APIs.
- Know the use of sentry, SMTP, celery.
- Had understanding of java and its frameworks like JSP, Servlet & Spring boot.
- Hands on practice on the platforms like MySQL, SQL server, PostgreSQL, mongo DB.
- Experience on creating unique and eye-catching design by using html, css & js.
- Hands on practice of using Bootstrap to make responsive websites.
- Have knowledge on using Docker.
- Know the use of Kafka and its implementation in real time projects.
- Good understanding on JWT authentication and its use.
- Had experience on Linux OS and its commands.

Projects

Air Quality Prediction

- Prediction of Relative humidity based on past data by using machine learning. This prediction will help us to know about the present and upcoming situations and precautions accordingly.
- Utilized supervised learning techniques and data preprocessing to train the model on past environmental data, enabling accurate forecasts of relative humidity levels.

Blood Donation System

- Developed a comprehensive blood donation system to facilitate efficient management of blood donors and recipients in a centralized platform.
- Implemented features allowing blood recipients to submit requests for blood donations from anywhere, enabling timely access to life-saving blood supplies. Utilized supervised learning techniques and data preprocessing to train the model on past environmental data, enabling accurate forecasts of relative humidity levels.

Blogpost (.BLOG)

- Blogpost simplifies user registration with a swift and secure one-time password (OTP) system, ensuring only legitimate users gain access within a two-minute window.
 - Once registered, users enter a vibrant blogging community where they can explore and create posts effortlessly, with content control vested solely in the hands of the post creator.
- Combining simplicity with security, Blogpost offers users a seamless blogging experience while prioritizing privacy, redefining the blogging landscape one secure registration at a time.

Hobbies

- Playing chess.
- Reading & Listening Stories.
- Designing webpages.