Suriyaprakash

Python with React Developer

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Profile

Certified Python Developer offering 3 years of extensive experience at Blueberry Global, Chennai. Proficient in HTML, CSS, JavaScript, React for frontend and Django, Flask for backend. Delivers a proactive approach, great work ethic, and the ability to function well in a deadline-driven team environment.

PROJECTS

Pay Assist

This project automates customer care calls for overdue bills. The application utilizes Python, Flask, Django, and potentially AWS for hosting. Integration with a telephony service like Twilio facilitates automated calls, while speech recognition transcribes customer responses. Text-to-speech converts generated responses into speech for communication. Call details, responses, and system-generated messages are logged in the database. For enhanced scalability and reliability, deployment on AWS. Rigorous testing and security measures to protect customer data and ensure regulatory compliance.

Bill Tec

This application integrates React and Flask for seamless processing of invoices stored in AWS S3 buckets. The backend, built with Flask, orchestrates the process. Boto3 is utilized for S3 interaction, ensuring secure access. The data is formatted into a CSV file using Pandas. The application flow is initiated by the client, with React initiating the process, followed by backend execution and feedback relayed back to the frontend. This comprehensive solution streamlines invoice processing for enhanced efficiency.

Rolls and Responsibilities

- Implements call scheduling, logging, and error handling functionalities.
- Collaborate with cross-functional teams to design and deploy software solutions.
- Troubleshooting, debugging, and maintaining existing software applications.
- Develop and maintain RESTful API. and integrating data storage solutions as database and file systems.
- Documenting code and technical specifications for future reference and maintenance.

Work Experience

Blueberry Global

Programmer Analyst

Feb 2021 - Present

Chennai, India.

SKILLS

- Python Programming
- Flask
- Django
- MYSQL
- HTML
- CSS
- Java Script
- React JS

Education

Bachelor of Science,
Thiruvalluvar University,
Thindivanam.

LANGUAGES

Tamil

English.

Hobbies

Photo Editing

Problem Solving.