LOKESH P
Software Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience in Python, React, and AWS. Proven track record of reducing processing time by 35%, improving database response speed by 40%, and automating workflows to cut manual effort by 90%. Expertise in designing scalable applications, integrating APIs, and optimizing cloud deployments for industrial and healthcare solutions.

EDUCATION

ANNA UNIVERSITY
BE EEE
2016- 2020

TECHNICAL SKILLS

- Python
- Django
- Sql
- Pandas
- Restapi
- Flask
- Frappe
- Dash Plotly
- React.js
- AWS/Azure
- Linux

WORK EXPERIENCE

- **GETMAX HEALTHCARE PVT LTD**   **JANUARY 2024-NOW**

  Senior Software Developer
  - Developing and maintaining applications using Django, React, and Frappe for ERP solutions.
  - Working with ERP systems using Frappe, customizing modules to meet business needs.

- **TECKOST IT SERVICES PVT LTD**   **AUGUST 2023 – JANUARY 2024**

  Software Developer/(Contract-6Month)
  - Developed and optimized Django applications with Python, MySQL, REST APIs, HTML, CSS, and JavaScript.
  - Managed AWS deployments to ensure scalability and high availability

- **FUTURENET TECHNOLOGIES**   **SEPTEMBER 2022 – JULY 2023**

  Python Developer
  - Designed and developed full-stack applications using Django and JavaScript frameworks.
  - Integrated and optimized SQL databases, ensuring efficient data management.

- **HAWKSHAW DEVELOPERS**   **NOVEMBER 2021 – AUGUST 2022**

  Programmer Trainee
  - Built and maintained dynamic web applications
  - Assisted in cloud deployment and database management for high-performance applications.

LANGUAGE

- Tamil
- English

Certifications

- Full Stack Web Development - Udemy (2021)
- React.js - Udemy (2022)

PROJECT

1. Industrial Asset Data Acquisition & Integration

Client: Getmax Healthcare Private Ltd
Duration: November 2024 – January 2025
Technology: React, Django, Python, REST API

Developed a **React-Django** system for real-time data acquisition from **industrial assets**, including energy meters, sensors, and IoT devices. Users provide IP and Port, allowing dynamic connections via Python-based connectors. Supports **MQTT, OPC UA**, and Modbus for seamless integration.

Roles and Responsibilities:
- Developed & Integrated a React-Django system for real-time industrial asset data acquisition.
- Implemented Dynamic Connectivity, enabling users to input IP and Port for asset communication.
- Built Python-Based Connectors to support MQTT, OPC UA, and Modbus protocols.
- Optimized Data Handling for seamless and efficient sensor and IoT device integration.

2. Company Registration and Landing Page Management

Client: Getmax Healthcare Private Ltd
Duration: March 2024 – April 2024
Technology: React, Django, Python, REST API

Developed a web-based system for company registration and landing page management. The platform allows businesses to register, submit branding details, and get a dedicated landing page upon admin approval.

Roles and Responsibilities:
- Developed & Deployed a React-Django platform for company registration and landing page management.
- Designed Registration Workflow, enabling businesses to submit branding details (logo, banner, social media links).
- Implemented Admin Approval System, ensuring landing pages are activated only after verification.
- Created a Partner Page, showcasing approved companies with clickable logos linking to landing pages.

3. Automated Report Generation and Data Visualization for OTRS

Client: Futurenet Technologies
Duration: October 2022 – May 2023
Technology: Python, Django, REST API, MySQL, HTML, CSS, JavaScript, Chart.js

Built a Django-based web application to automate report generation for OTRS, improving efficiency through an interactive dashboard and data visualization. Reduced manual effort by 90%, enabling managers to focus on decision-making.

Role and Responsibilities:
- Developed & Deployed the OTRS Report Generator using Django.
- Analyzed Requirements to integrate automated report generation with OTRS.
- Optimized Performance, reducing report generation time significantly.
- Collaborated with Stakeholders to refine features based on feedback.

4. Customer EPO Analysis and Visualization

Client: Futurenet Technologies
Duration: April 2023 – June 2023
Technology: MySQL, Pandas, Dash, Plotly, API

Enhanced data analytics platform to analyze customer EPO data, detect anomalies, and visualize trends. Implemented interactive dashboards for real-time monitoring using Dash & Plotly.

Roles and Responsibilities:
- Extracted & Processed Data from MySQL using SQL queries and Pandas for analysis.
- Performed Data Analysis, applying statistical techniques to derive insights from customer EPO data.
- Developed Interactive Visualizations using Dash & Plotly for clear data representation.
- Built & Integrated a web-based dashboard for real-time data monitoring and trend analysis.