Prithwish Pyne

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SUMMARY

Dynamic Software Developer recognized for exceptional productivity and efficient task execution. Proficient in Python and React, delivering targeted solutions to complex software problems. Demonstrates strong problem-solving abilities, teamwork, and adaptability to ensure smooth collaboration and successful project outcomes. A creative thinker committed to continuous learning and innovation in software development.

SKILLS

- **Backend Stack:** Python, Flask, Fast API, Kafka, Pandas, REST, Object Oriented Programming
- **Frontend Stack**: React, JavaScript, Next.js, HTML, CSS, Vite
- **Databases**: PostgreSQL, Apache Cassandra
- **DevOps**: Git, AWS, Docker

EXPERIENCE

Full Stack Python Developer | **Tata Consultancy Services** | Kolkata   *05/2021 - Present*

- **Data Science Analyst** with experience in **Pandas**, **NumPy**, and **Tableau**.
- **Microservices Development** using Python and Flask, with integration to both **SQL** and **NoSQL** databases. Implemented **Kafka** for inter-service communication.
- Designed and developed **front-end GUIs** for various applications using **React** and **Next.js**.
- **Collaborated** with UX teams on **project designs** and **feature enhancements** to improve user experience.
- Consistently written clean, understandable, and well documented code, **following SDLC process** to **maintain zero bug environment**.
- Awarded **'Star of the Month'** multiple times for continuous good performance.
- Served as the **Single Point of Contact (SPOC)** between the product owner and the development team, **leading** the process to ensure **successful delivery of the product**.
- **Successfully delivered** high-quality solutions **within tight schedules**, ensuring both **functional and business requirements were met.**

Sales Manager | **WhiteHat Jr Education Technologies** | Remote   *10/2020 - 04/2021*

- Recognized as a **top performer** in the Initial Training Program.
- Showcased **adaptability** and **rapid learning skills** in a dynamic product environment.

PROJECTS

1. **Learning Management System**
   Developed and maintained a Learning Management System using Flask for backend APIs, integrated with Keycloak for authentication and PostgreSQL for data storage.
   Built a dynamic React-based frontend with Next.js routing, and configured Nginx for efficient reverse proxying and deployment. Enabled users to log in, complete courses, and solve related exercises.
   Tech Stack: Python, Flask, PostgreSQL, React, Nextjs.

2. **Asset Health Monitoring**
   Contributed to an industrial asset health monitoring system by developing microservices in Python for processing time-series sensor data and performing health calculations. Utilized Kafka for inter-service communication, integrated ML model outputs, and delivered predictions to the UI via Flask APIs. Employed Cassandra for sensor data storage and PostgreSQL for auxiliary data needs.
   Tech Stack: Python, Flask, Microservices, Kafka, Cassandra, PostgreSQL.

EDUCATION

KLS Gogte Institute of Technology

B.E in Electronics & Communication Engineering (ECE)   Karnataka, India | *2019*