ASHISH KUMAR SUBUDHI

+91 637-188-1967 ◇ Noida, India

subudhi138@gmail.com ◇ https://www.linkedin.com/in/ashish-kumar-subudhi-857047227

OBJECTIVE

Software Engineer with 1 year of experience in Python, seeking full-time roles.

EDUCATION

Master of Computer Application, GIFT, Bhubaneswar   2021 - 2023

Bachelor of Science, Utkal University, Bhubaneswar   2018 - 2021

SKILLS

Software Engineering   Python, Flask, Django(Basics), MySQL, Postgres, Redis, RabbitMQ, HTML , CSS
Systems & Tools   Unix , Git, Docker
Data Science   Pandas, Numpy, Scikit-learn, Matplotlib

EXPERIENCE

Software Engineer   **Dec** 2023 - Present
Cavisson Systems   *Noida, India*
- Implemented thread dump capture for Python applications, providing detailed information about threads and stack traces.
- Developed a tool for analyzing thread, highlighting states, deadlock situations, and offering recommendations.
- Implemented a thread monitor for capturing running thread statistics during runtime.
- Developed applications, including Stock Application, TimescaleDB Application, and Heap Dump Application.
- Implemented GC monitor for detailed garbage collection statistics.
- Conducted HTTP Callouts for application enhancement.
- Worked on various bugs and issues related to the NetDiagnostics APM tool.

Associate Software Engineer   Jun 2023 - Dec 2023
Cavisson Systems   *Noida, India*
- Implemented unit testing procedures using pytest for enhanced reliability.
- Conducted thorough testing, identifying and addressing bugs early in the development process.
- Collaborated on maintaining a comprehensive suite of unit tests for overall code quality.
- Contributed to thread statistics capture and HTTP Callouts for application enhancement.
- Worked on various applications, including Stock Application and TimescaleDB Application.
- Worked on various bugs and issues related to the NetDiagnostics APM tool.

PROJECTS

1. **Real-time Stock Application:**
   - Enhanced existing Pika application to incorporate real-time stock data updates.
   - Implemented a user-friendly dashboard for visualizing stock trends and statistics.
   - Utilized various database connections for robust data management, supporting both PostgreSQL and MySQL.
   - Facilitated seamless communication between subscribers and publishers for efficient data exchange.
   - Achieved improved data reliability and performance through effective database utilization.
2. **Advanced Database Connector:**
   - Developed a versatile database connector system supporting multiple databases, including PostgreSQL and MySQL.
   - Enabled users to seamlessly switch between different database backends with minimal configuration changes.
   - Implemented features for efficient data migration and synchronization, enhancing overall data management capabilities.
   - Contributed to creating a flexible and scalable architecture for accommodating diverse database requirements.
   - Played a key role in ensuring smooth transitions between different database environments.

3. **Mark Predictor System:**

- Created an intelligent system for predicting academic or market performance based on historical data.
- Applied machine learning algorithms to analyze patterns and generate accurate predictions.
- Designed a user-friendly interface allowing input of relevant data and visualization of prediction results.
- Contributed to improving decision-making processes by providing actionable insights from predictive analytics.
- Demonstrated proficiency in data science and machine learning techniques through the development of the Mark Predictor System.

4. **Facial Recognition System:**

- Developed a robust face detection and recognition system using advanced computer vision techniques.
- Incorporated features such as gender detection, emotion analysis, and age estimation for comprehensive facial analysis.
- Designed an intuitive user interface for capturing and analyzing faces, ensuring ease of use and accessibility.
- Contributed to advancements in biometric technology, showcasing skills in computer vision and image processing.
- Demonstrated the ability to implement cutting-edge technologies in real-world applications through the Facial Recognition System.

CERTIFICATIONS

1. MySQL HackerRank Certification:
- successfully completed the HackerRank MySQL certification, demonstrating proficiency in database management and SQL.

2. Code Gladiator Techgig Event (Rank-11945):
- Participated in the Code Gladiator Techgig Event, achieving a rank of 11945. Showcased coding skills and problem-solving abilities.

3. Nice Code Cracker Event (Rank-1620):
- Secured a rank of 1620 in the Nice Code Cracker Event, highlighting coding expertise and competitive programming skills.

4. 3-Star Silver Medal in Python at HackerRank:
- Earned a 3-star silver medal in Python on HackerRank, showcasing advanced proficiency in Python programming.

5. PGDCA Certification:
- Successfully completed the Post Graduate Diploma in Computer Applications (PGDCA) certification, acquiring comprehensive knowledge in computer science and applications.