Joseph Meghanath. D

+1 (913)-208-8818 | josephmeghanath@gmail.com | LinkedIn | GITHUB

WORK EXPERIENCE

Bicycle   **Hyderabad**

Software Engineer II - Java Developer   *May 2020 - Nov 2023*

- Spearheaded the development of anomaly detection and notification services, driving improved efficiency by 30% and workflow optimization.
- Implemented correlation mechanisms to swiftly identify root causes of anomalies, significantly enhancing product reliability.
- Compiled and executed various Microservices and REST APIs in Java and Python, thereby bolstering the effectiveness of software teams.
- Brainstormed prompt engineering initiatives to streamline project efficiency and workflow, ensuring timely delivery and contributing to a 50% enhancement in product usability.
- Collaborated with cross-functional teams to troubleshoot and resolve technical issues promptly.
- Implemented various scheduling algorithms, resulting in a staggering 95% reduction in customer waiting time.

Agilitix.ai   **Hyderabad**

Software Engineer   *May 2019 - May 2020*

- Planned and deployed machine learning algorithms for anomaly detection in large-scale time series data, significantly improving product performance.
- Analyzed logs to swiftly identify and resolve daily occurring errors in product logs, ensuring seamless operation.
- Contributed to the development of apptuit-py, a Python library for storing time series data in Big Table, enhancing data management capabilities.
- Conducted extensive research on log analysis using autoencoders and decoders for metric extraction and anomaly prediction.

Software Engineer Intern   *Oct 2018 - Apr 2019*

- Planned and deployed machine learning algorithms for anomaly detection in large-scale time series data, significantly improving product performance.
- Analyzed logs to swiftly identify and resolve daily occurring errors in product logs, ensuring seamless operation.
- Contributed to the development of apptuit-py, a Python library for storing time series data in Big Table, enhancing data management capabilities.
- Conducted extensive research on log analysis using autoencoders and decoders for metric extraction and anomaly prediction.

EDUCATION

University of Central Missouri   **Missouri**

Masters   *Graduation Date: May 2025*

CMR College of Engineering and Technology   **Hyderabad**

B-Tech   *Graduation Date: Apr 2019*

PROJECT EXPERIENCE

College Project

RideShareApplication

- Drafted, Designed and wrote a website, incorporating ReactJS, Java spring boot and Cassandra connecting people who need a ride and who are willing to share a ride.

Personal Project

No-SQL-DB

- Created a No-SQL-DB in C with version capability and a specific Query Language, available on GitHub. (GitHub)

Personal Project

Automated Pneumonia Detection

- Developed a Pneumonia detection engine using Django and TensorFlow to verify X-ray images for Pneumonia.

SKILLS & INTERESTS

Skills: Proficient in Java, Python, C, C++, Javascript, HTML, CSS, and React. Experienced in designing and implementing RESTful APIs. Skilled in machine learning algorithms using Python and Java. Utilized Machine Learning Libraries: TensorFlow, PyTorch, scikit-learn. Proficient in UI development using React, Node.js, and Angular. Well-versed in database architectures including Oracle, MySQL Server, Postgres, Cassandra, Amazon RDS, Druid, and OTSDB. Handled Java projects and Android applications development. Familiar with Git, GCP, AWS, Docker, Kubernetes, Log4J, YAML, JSON, and XML.