

Priyankan Kirupaharan



Contact

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Experience

Research Assistant - 09/2021 to present

- Developing a mobile app solution using flutter for people with disability to teach about how to identify and report abuse.

Associate Technical Lead - 10/2020 to 06/2021

- Designed and implemented fintech backend solution for mobile banking application using Spring boot framework.
- Setup infrastructure for dev/qa/staging environment using Kubernetes.
- Improved API performance by 40% using caching mechanism to get meta values.

Senior Software Engineer – 01/2019 to 09/2020

- Implemented microservices stack for financial mobile application and Wi-Fi web portal using Java.
- Designed and setup Docker swarm cluster for dev/qa/staging and production environments.

Software Engineer – 02/2018 to 12/2018

- Developed chatbots using existing frameworks.
- Implemented Spring boot APIs for lending application.

Education

- PhD in Computer Science, University of Rhode Island. September 2021 – (Reading).
- Bachelor of Science, University of Sri Jayewardenepura. February 2013 – April 2017.

Specialization

- JavaEE – Spring, Spring boot, Spring Security, Hibernate ORM, Java Persistence API(JPA)
- Microservices – Event Driven/Load Balancing/Fine Tuning/Fault Tolerant
- Microservices Management –Cloud gateway, Hystrix, Turbine, Eureka, Elasticsearch, Logstash, Kibana, Sleuth, Zipkin
- Fintech – Finacle Core Banking Integrations, Conversions
- Queue Management – RabbitMQ, Apache Kafka
- Docker, Docker Image Build, Docker Private Registry Config, Repository Config, Dockerizing, Docker Compose, Docker Swarm Cluster, Kubernetes Cluster, Rolling Updates, Fail-over, Fault Tolerance, Distributed Deployments
- Build automation Gradle/Maven,
- Continuously integration and delivery using Jenkins
- Database master slave cluster replication with docker

Leadership and Awards

- GCP – Google Cloud Architect cer1/2023)
- AWS - Associate Amazon Web Services (AWS) Issued on Dec 2019.
- Publication: K.Priyankan, Dr.T.G.I Fernando, Mobile Application to Identify Fish Species Using YOLO-Based Convolutional Neural Networks 3rd SLAAI International Conference on Artificial Intelligence 2019.
- NBQSA- Won Bronze for NBQSA Tertiary Student Project Technology (<http://www.nbqsa.org/nbqsa-winners-2018/>) - Mobile Application to Identify Fish Species.
- Gold Medalist: First-class and the highest GPA at the B.Sc. Special degree in Computer Science.