Tharindu Hasthika Bathigama

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Summary

Software Engineer with 3+ years of experience in the industry. Proficient in deploying fintech and e-commerce cloud apps using FastAPI, Flask, and Django. Experienced in machine learning and working in agile teams. With a diverse project history and strong computer science foundation, consistently delivers optimized solutions.

Technical Skills

- Python, JavaScript, TypeScript, Node.js, React, FastAPI, Django, Flask, AWS, Azure, Docker, Kubernetes, TensorFlow, PyTorch, PostgreSQL, MySQL, MongoDB

Work Experience

Software Engineer   **Rapyuta Robotics, Tokyo, Japan**

Full-Time   Nov 2023 – Present

- [TBD]
- Technologies – **Python, React**

Software Engineer   **Arimac Private LTD, Sri Lanka**

Full-Time   Nov 2021 – Sep 2022

- Developed AI and data science solutions using React-based, Java Spring Boot backends, and Python-based machine learning.
- Built and managed PySpark data processing pipelines to efficiently analyze large data sets.
- Collaborate cross-functionally to identify business needs, develop solutions, and communicate complex technical concepts to non-technical stakeholders.
- Technologies – **React, JavaScript, TypeScript, TensorFlow, PyTorch, Azure, Python**

Software Engineer   **ElysianCrest, Sri Lanka**

Full-Time   Jul 2020 – Nov 2020

- Successfully developed an online education platform and e-commerce solution which were internal products of the company.
- Specialized in developing scalable and efficient applications for the AWS Lambda platform.
- Technologies - **Java, Spring Boot, AWS, React, TypeScript, JavaScript**

Software Engineer (Intern)   **EpicLanka Technologies, Sri Lanka**

Full-Time   Nov 2019 – May 2020

- Developed and maintained comprehensive test cases for financial transaction solution back-end systems. Designed and developed high-performing and scalable Java-based back-ends for fin-tech solutions.
- Technologies - **Java, JUnit, Jenkins, Golang**

Education

Swansea University, United Kingdom   Sep 2022 - Oct 2023
Advanced Computer Science, MSc   (Pending Results)
Specialisations - Operating Systems and Architecture; Computer Vision; Optimisation and Software Engineering
University of Ruhuna, Sri Lanka   Apr 2017 - Sep 2021
Bachelor in Computer Science (Hons)   GPA 3.69 / 4.00 (Class - Second Upper)

Publications

- Music Emotion Recognition using Deep Neural Networks [Abstract]. 5th International Research Conference Uva Wellassa University, (2021), 132. [Link]
- Disease Recognition System for Sri Lankan Potato (Solanum tuberosum) Plants [Abstract]. Proceedings of the International Symposium on Agriculture and Environment, (2020), 147. [Link]