KEKAYAN NANTHAKUMAR

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Education

University of Kelaniya
March 2016 - Apr 2020
Bachelor of Science (Hons) in Software Engineering
· **Courses:** OOP in Java, ML, Algorithms, Data Structures
· **GPA: 3.89/4.00**

Skills

Languages: Python, Javascript, Java
Frameworks: FastAPI, Flask,Next.js, React.js
ML/DL: Pytorch, scikit-learn, numpy, pandas, Transformers
Technologies: AWS, Bash, Git, Docker

Professional Experience

Insighture
Colombo, LK
Software Engineer - Product Team   Mar 2022 – Present
· Designed and implemented Serverless' first NLP product (conveyancer.ai) with AWS Services.
   -   AWS Lambda, AWS SQS, AWS SNS, HTTP Gateway, AWS Textract, AWS S3, Python, Js .
· Built UI components in React.js (conveyancer.ai)
· Deployed Serverless project to AWS
   -   AWS SAM. Cloudformation

Pearson
Colombo, LK
Software Engineering Intern - Research & Development Team   Mar 2021 – Mar 2022
· Implemented a time series forecasting service and deployed in AWS Fargate.
   -   GluonTS, Python, FastAPI
· Implemented a POC to demonstrate LTI launches & gradings from Google Classroom and Microsoft Education in SpringBoot with Google and Microsoft APIs.

Insighture
Colombo, LK
Software Engineer - Engineering Team   Aug 2020 – Mar 2021
· Productionized a service that automatically verifies NSW WWC for Oho.
   -   Python, Flask, Node.js, SQLAlchemy, ,Docker
· Implemented a layout detection service with object detection and deployed in AWS Lambda.
   -   Pytorch, Detectron, Python

Pearson

Colombo, LK

Software Engineering Intern - Research & Development Team   Sept 2018 – Sept 2019

• Research on similarity search and Semantic Search from embeddings and Wikipedia Redirects.

• Created various POC for cloud migrations and ML Projects like Image Classification, NER and Text Classification .

Professional Certifications

- **AWS Certified Solutions Architect – Associate**
- **AWS Certified Developer – Associate**