

ABOUT ME

I am a dedicated and professional software engineer with five years of experience in building modern, scalable, enterprise-level applications. I have a strong foundation in both frontend and backend technologies and expertise in TypeScript, React, Webpack, Next.js, Node.js, Microservices, REST API, GraphQL, Apache Kafka, Kubernetes, Serverless, Docker, CI/CD, AWS and Azure. Strong analytical and problem solving skills, solid understanding and hands on experience working on Agile/Scrum based environments, fast learner and a team player.

SKILLS

TYPESCRIPT

REACT

REDUX

I18N

NODE.JS

MICROSERVICES

MICRO FRONTEND

REST APIS

GRAPHQL

NESTJS

NEXT.JS

EXPRESS

DOCKER

KAFKA

KUBERNETES

CI/CD

SERVERLESS

GIT

AWS

AZURE

TAILWIND CSS

JEST

LLM

SCRUM

ENTERPRISE APPLICATION DEVELOPMENT

TEST DRIVEN DEVELOPMENT

PAIR-PROGRAMMING

SUPPORTING & MENTORING OTHERS

LINK

Portfolio:
<https://main.d1045e1k7zhshp.am/plifyapp.com>

PERSONAL DETAILS


Visa status
Residence & Work Permit Holder - Sweden


LANGUAGES


ENGLISH

SWEDISH

VIDUMINI SAUMYA KULATHUNGA

 Skellefteå, Sweden(Willing to Relocate)

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 viduminikulathunga@gmail.com

WORK EXPERIENCE

UPPSALA UNIVERSITY
Uppsala, Sweden
Aug 2023 - Oct 2024

Research - Ensemble Machine Learning Techniques for LoRa-based Wireless Indoor Localization Systems

- Developed IoT-based LoRa indoor localization system and implemented wireless signal filtering & processing techniques.
- Researched supervised ensemble machine learning techniques using Python, C++, MATLAB, and **GCP** to develop and optimize a system for improved localization accuracy.

FROST
Jan 2022 - Jun 2022

Software Engineer

- Developed RESTful APIs and **microservices** using **Node.js**. Optimized database queries and implemented **caching** strategies for improved performance.
- Built scalable web, mobile applications using **React** and Redux.
- TypeScript**, **React**, **Node.js**,**Redux**, **i18n**, **Jest**, **MongoDB**, **AWS**, **Docker**, **Git**, **CI/CD**.

INFORMATICS INTERNATIONAL LTD
Apr 2021 - Dec 2021

Software Engineer

- Software Engineer for **enterprise SaaS applications**, **architecting** scalable solutions using **Typescript**, **React**, **Node.js** and **AWS**. Implemented **Kubernetes**, **CI/CD** pipelines and **mentored junior developers**.
- Typescript**, **React**, **Redux**, **i18n**, **Webpack**, **NPM**, **Node.js**, **GraphQL**, **REST APIs**, **Apache Kafka**, **MongoDB**, **Jest**, **Cypress**, **Kubernetes**, **Serverless**, **AWS**, **Docker**, **Micro frontend**, **Microservices**.

CEYLON SYSTEMS, EBEYONDS
Sep 2015 - Dec 2018

Associate Software Developer

- A Full-Stack Software Developer across multiple companies, including Ceylon Systems and eBEYONDS.
- Built cloud-based scalable e-commerce platforms with **microservices**, **micro-frontend** and **event-driven architecture**, featuring real-time management, payment processing, and analytics dashboards.
- React**, **Redux**, **Typescript**, **Javascript**, **Node.js**, **Graphql**, **REST API**, **Firebase**, **Stripe**, **d3**, **RabbitMQ**, **Redis**, **Webpack**, **NPM**, **CI/CD**, **Docker**, **Serverless**, **Load balancing**, **Google Cloud**, **Azure**, **MongoDB**, **SQL**, **Test Driven Development**.

MOBITEL ENGINEERING DIVISION
Nov 2011 - May 2012

Telecommunication Technical Officer

- Leading Mobile(**Telecommunication**) Service Provider.
- Deployed**, **Maintained** and troubleshoot main **telecommunication** hub networks, **signal towers**, **data centers**.
- Software solutions using Java for telecom signal data filtering, processing and analysing.
- Handled VIP customer complaints related to network connectivity, software, and hardware.
- Maintained accurate CMMS documentation of network configurations and equipment tracking.

EDUCATION

UPPSALA UNIVERSITY
Sweden
2024

Masters of Computer Science

- Successfully completed the master's program.
- Cloud infrastructure & Data orchestration, Advanced Software Design, Advanced Database Design, Machine Learning

UNIVERSITY OF MORATUWA
2021

Bachelor of Information Technology

- Graduated with GPA 3.67 - Second Upper Class.

AWS
2025

AWS Certified Solutions Architect - Associate

(Present)

LINUX FOUNDATION
2025

Certified Kubernetes Application Developer (CKAD)

(Present)