SAUMYA KULATHUNGA

931 76, Skellefteå, Sweden. (Willing to Relocate)

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ABOUT ME

I am a dedicated and professional full-stack software engineer with over 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, Node.js, RabbitMQ, GraphQL, React, Redux, Next.js, RESTful APIs, gRPC, Tailwind CSS, Shadcn, MongoDB, PostgreSQL, Redis, Kubernetes, Docker, 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 NODE.JS

EXPRESS RABBITMQ

GRAPHQL NEXT.JS

RESTFUL APIS GRPC

REACT REDUX

JAVA SPRING BOOT

PYTHON KUBERNETES

DOCKER AWS

AZURE TAILWIND CSS

SHADCN MONGODB

POSTGRESQL REDIS

CI/CD

MACHINE LEARNING

PROFILE

Portfolio:
https://main.d1045e1k7zhshp.amplifyapp.com

PERSONAL DETAILS

Visa status
Residence & Work Permit Holder - Sweden

LANGUAGES

ENGLISH

SWEDISH

WORK EXPERIENCE

UPPSALA UNIVERSITY
Uppsala, Sweden
Aug 2023 - Jun 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, MATLAB, and Google Cloud to develop and optimize a system for improved localization accuracy.

FROST
Jan 2022 - May 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, Node.js, Redis, React, Jest, AWS, Git, CI/CD.

INFORMATICS INTERNATIONAL LTD
Apr 2021 - Dec 2021

Software Engineer

- Senior developer for enterprise SaaS applications, architecting scalable solutions using Typescript and Java. Implemented Kubernetes, CI/CD pipelines and mentored junior developers.
- Typescript, React, Node.js, RabbitMQ, PostgreSQL, GraphQL, Kubernetes, gRPC, Java, AWS, Docker

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 architecture, featuring real-time management, payment processing, and analytics dashboards.
- React, Typescript, Javascript, Node.js, Firebase, Stripe, GCP, PHP, Laravel

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.
- 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
- Natural Language Processing, Machine Learning, Statistics

TELECOM TRAINING CENTRE
2012

BTEC UK Higher National Diploma of Electrical/Electronic (Telecommunications) Engineering

AWS
2025

AWS Certified Solutions Architect - Associate

(Present)