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[jdratnayake.github.io/portfolio/](https://github.com/jdratnayake)



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JANITHA DEVIN RATNAYAKE

SOFTWARE ENGINEER

As a software engineer, I am committed to delivering solutions that meet business needs with precision and reliability. By collaborating with cross-functional teams, I ensure that the user's needs are met effectively. My philosophy of prioritizing quality over quantity drives my focus on creating scalable systems with a low bug rate, offering exceptional value and long-term maintainability.



WORK EXPERIENCE

Software Engineer - WealthOS Asia Pacific (Pvt) Ltd.

May 2024 - Present

- Gain hands-on experience in wealth management, developing business and technical features to enhance the scalability of SaaS clients.
- Improve system reliability by efficiently resolving high-priority issues, enhancing overall client satisfaction.
- Strengthen expertise in coding best practices and test automation to ensure high-quality deliverables.

Technologies: Node.js (Express), TypeScript, React, MongoDB, Redis, Docker, AWS (Lambda, DynamoDB, DocumentDB, ElastiCache, S3, API Gateway, CloudWatch), Mocha, Chai

Software Engineer Intern - Xeptagon (Pvt) Ltd.

Nov 2022 - Apr 2023

- Designed and implemented an ETL (Extract, Transform, Load) process system to streamline data workflows.

Technologies: Python, Azure (Synapse Analytics, Blob Storage)

EDUCATION

University of Colombo School of Computing

B.Sc. (Hons) in Software Engineering

Mar 2020 - Jun 2024

GPA - 3.94 / 4.00

ACHIEVEMENTS

IFS Award for Academic Excellence in Software Engineering

Oct 2024

- Awarded for achieving the highest class GPA (3.94/4.00) in the B.Sc. (Hons) Software Engineering degree program.

Codefest Designathon Organized by SLIIT - Finalists

Jan 2022

ACCA Business Challenge Organized by AIESEC - Semi Finalists

Jan 2021

SKILLS

Programming Languages

TypeScript | Python | C | C++ | Java

Web Development

React | Node.js (Express) | Laravel

Databases

MongoDB | Redis | MySQL | PostgreSQL

Other Technologies

Git | Linux | Docker

VOLUNTEERING

Mentor for Undergraduate Projects

University of Colombo School of Computing

Jun 2024 - Present

University Ambassador for Sustainable Cities and Communities

G17 Global

Jan 2021 - Dec 2021

PUBLICATIONS

Electromagnetic Insights Acquisition through a Forensics-as-a-Service Platform

ICITR 2024 by University of Moratuwa

Dec 2024

[Link](#)

REFERENCE

Dr. Asanka P. Sayakkara - Senior Lecturer

University of Colombo School of Computing

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Dr. Dinuni K. Fernando - Senior Lecturer

University of Colombo School of Computing

Email: dkf@ucsc.cmb.ac.lk