Dewmith Akalanka

No. 211/A, Dewala Road, Thalangama South, Battaramulla.

📞 +94 77 620 9217 ✉ akalankadewmith@gmail.com   in linkedin.com/in/dewmith-akalanka ⚙ Portfolio

Work Experience

Fortude - Software Engineer   **July 2024 - Present**
Fortude - Associate Software Engineer   **March 2022 - June 2024**

- Contributed as a full stack developer in a large scale microservices-based application integrated with Infor M3 ERP to streamline operations for a leading apparel manufacturer in Sri Lanka.
  - Developed required features for backend using NestJs as the framework and the GraphQL as the data exposing API.
  - Managed consumers and producers for Change Data Capture (CDC) events and event-driven architecture with Kafka for efficient communication between microservices.
  - Created user friendly User Interfaces using Angular with Kendo UI CSS styling library.
  - Bug identification by debugging the code & New Relic based log monitoring.
  - Fixed bugs and deployed to QA and UAT environment via Jenkins CI/CD pipeline.
  - Worked with SRE team on ad hoc to resolve Performance and Availability Issues.
  - Worked with Infor M3 ERP Consultants to enhance the user experience by adding proper validations and meaningful notifications.
  - Daily dev sanity checks (including checking Kafkfa lags, Redis cache perfomance, health status of CDC connectors etc.)
- Worked as a full stack Software Developer, maintaining and supporting an automation tool for adding data to Centric PLM based on client business requirements.
  - Bug identification and providng RCAs using code debugging and analyzing docker logs.
  - Fixed identified bugs in React based frontend as well as the NestJS based monolith application.
  - Deployed fixed bugs using Docker swarm.

hSenid Software Lanka - Software Engineering Intern   **August 2020 - February 2021**

- Worked on an Angular based frontend application for a compliance manager dashboard
- Traning including Linux environment, Java based web development (JSP, Servlets, Springboot & Hibernate ORM), Unit testing, working with Docker container etc.

Projects

Stealth Messaging App - *NestJS, React (functional components), MongoDB & Socket.io*   ⚙
Created a a real time user to user based chat application for a client requirement. Chat messages are encrypted from each end using AES encryption. Real time messaging is handled through the web sockets. Includes multiple message visibility options.

Uni Connect App - *Nodejs (express), React(class components), MongoDB, ChartJS*   ⚙
Created a social media plaform specific to Universiy alumnis' as per bachelor's degree requirement. Users can share professionnal achievements, share job vacancies or find a relevant job and connect with colleagues using the Uni Connect. A ChartJS based dashboard is also implmented to visualize the user engagement.

Technical Skills

Programming Languages: JavaScript, TypeScript, Java, C#, C++, HTML, CSS
Frameworks/ Web Technologies: NodeJS, React, Angular, NestJS, Kafka(message/event streaming), Redis Caching, BullJS(background jobs/ Redis queues), Docker(Application containers)
Database Technologies: SQL, MongoDB, PostgresSQL, MSSQL, TypeORM, Redis

Education

University of Kelaniya   **March 2018 - March 2022**
B.Sc. (Hons) in Management & Information Technology (Specialized in Information Technology)

D.S. Senanayake College - Colombo 07   **January 2008 - August 2016**
G.C.E Advanced Level (Physical Stream) | 2016 - (Combined Mathematics- B, Chemistry - B, Physics - C)
G.C.E Ordinary Level | 2013 - (9A passes)