

Contact

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Top Skills

Web Development
Web Application Development
Back-End Web Development

Dewmith Akalanka

Software Engineer
Colombo, Western Province, Sri Lanka

Experience

Fortude

3 years 8 months

Software Engineer

July 2024 - Present (1 year 4 months)

Colombo, Western Province, Sri Lanka

Associate Software Engineer

March 2022 - September 2024 (2 years 7 months)

Colombo, Western Province, Sri Lanka

hSenid Software International

Trainee Software Engineer

August 2020 - February 2021 (7 months)

50 Ward PI, Colombo 00700

I had chance to learn Linux environment, shell scripts, and Java based web development in my training period. After I was assigned to several projects. Main project I was assigned was to develop an Angular Frontend for a compliance manager application. It's a great experience to be a key member of the project initiation as an intern.

Education

University of Kelaniya Sri Lanka

B.Sc. Honours in Management and Information Technology, Specialized in Information Technology · (February 2018 - February 2022)

D. S. Senanayake College

G.C.E. Advanced Level, Physical Sciences (Combined Mathematics Stream) · (February 2008 - August 2016)

Lanka Sabha Junior School

Grade 5 Scholarship Examination · (January 2003 - December 2007)

Dewmith Akalanka

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Work Experience

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|--|-------------------------------|
| 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 Kafka lags, Redis cache performance, 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 providing 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.

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| hSenid Software Lanka - Software Engineering Intern | August 2020 - February 2021 |
|--|------------------------------------|
- Worked on an Angular based frontend application for a compliance manager dashboard
 - Training 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 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 platform specific to University alumni's as per bachelor's degree requirement. Users can share professional achievements, share job vacancies or find a relevant job and connect with colleagues using the Uni Connect. A ChartJS based dashboard is also implemented 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, PostgreSQL, MSSQL, TypeORM, Redis

Education

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|---|-----------------------------------|
| 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) | |