



# DILINI LIYANAGE

Software Engineer



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## ABOUT ME

A dedicated, self-motivated, and hardworking undergraduate with hands-on experience in full-stack development. Passionate about learning new technologies and contributing to impactful projects through creativity and collaboration. An effective communicator and reliable team player, committed to delivering high-quality results while bringing value to the organization and continuously enhancing skills and knowledge.

## EDUCATION

2025 (Expected)	BSc. (Hons) in Information Technology University of Moratuwa, Sri Lanka   Current GPA: 3.18
2019	GCE Advanced Level Examination Pushpadana Girls' College Kandy   Biology scheme : AAC
2020	Information & Communication Technology Technician (NVQ Level 04) 6 month course period & 6 month training period included

## WORK EXPERIENCE

### LiveRoom Technologies (Pvt) Ltd. | Intern Software Engineer

Jan 2024 - Aug 2024 | Onsite | Fulltime

- Contributed to the design and implementation of Lambda functions, wrote database queries, configured AWS services, tested solutions, implemented OAuth setups, integrated blockchain functionalities, and created technical documentation using Nextra.
- Practiced agile methodologies through daily stand-ups, code reviews, and conducting and participating in knowledge transfer sessions to ensure quality outcomes.
- Collaborated with QA and DevOps team members for successful feature delivery.

### Kyno Labs | Backend Developer

Oct 2024 - Present | Part-time

- Contributed to implementing Lambda functions, wrote database queries, and configured AWS services.
- Utilized GitHub for version control and conducted API testing for robust functionality.
- Demonstrated soft skills such as time management through timely task completion and effective teamwork.

### Freelance Web Developer

Mar 2024 - Jan 2025 | Part-time

- Engaged in various commercial projects on the Fiverr platform as a freelance web developer.
- Contributed to the development of responsive front-end websites.
- Delivered high-quality projects tailored to client specifications.
- Practiced effective time management to ensure on-time delivery, contributing to successful project completions.

## PROJECTS

### Kaiju Wallet | Full Stack Developer

Intern Project , LiveRoom Technologies Pvt (Ltd)

Kaiju Wallet is a Web3 non-custodial wallet for scalable games and apps. My contributions included implementing Lambda functions, setting up OAuth, configuring various AWS services, writing MongoDB database queries, developing frontend UI, integrating blockchain features, conducting API testing, creating API documentation, and making technical documentation.

- Technologies : Serverless, AWS, MongoDB, NodeJs, Python, Nextra, NextJs, Tailwind CSS, Blockchain
- Live website : <https://www.kaiju3d.com>

### Epic Medico ERP System | Backend Developer

Associated with Kyno Labs

A customized document management system was developed for Epic Medico company in South Africa to manage their fleet of medico-legal documents effectively. My contributions included implementing necessary Lambda functions, role-based authorization, database migration, pagination setup, MongoDB transactions, data encryption, and AWS service configuration.

- Technologies : Serverless, AWS, MongoDB, NodeJs

## PROJECTS CONTD'

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### DOHM | Front-end Developer

Associated with a fiverr client

This is the landing page for DOHM, a company specializing in software development services; my contribution was designing a responsive web layout aligned with the Figma UI.

- Technologies : NextJs, Tailwind CSS
- Live website : <https://dohm-v2.vercel.app>

### BIM | Front-end Developer

Associated with a fiverr client

BIM is a dating app connecting singles worldwide. My contribution included designing a responsive web layout aligned with the Figma UI, setting up Google Analytics with cookie enabling, and integrating multi-language support.

- Technologies : NextJs, Tailwind CSS
- Live website : <https://bim-web.vercel.app/en>

### Minosia | Front-end Developer

Associated with a fiverr client

Minosia is an AI-powered app boosting productivity and information management. My contribution was designing a web layout aligned with the Figma UI.

- Technologies : NextJs, Tailwind CSS
- Live website : <https://minosia-v1.vercel.app>

### Travel Planning and Analyzing System | Full Stack Developer

Level 02 software project, associated with Tech Venturas

Developed a web-based travel planning system that enables trip planning by providing optimized routes, weather updates, user-submitted reviews, and a gallery of travel destinations. Contributed to developing REST APIs for admin and user profile management, JWT-based authentication (sign-in, sign-up, password reset), role-based authorization, database handling, email delivery with Nodemailer, and UI implementation.

- Technologies : NodeJs, ReactJs, MySQL
- GitHub Code : <https://github.com/dilini-liyanage>

## RESEARCH EXPERIENCE

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### AI-Enhanced Mathematics Learning Framework for Visually Impaired Students in Sri Lanka

Level 04 Research

This research addresses the limitations of current learning systems for visually impaired students in Sri Lanka, focusing on mathematics. My role involves identifying gaps in current Q&A systems and proposing an AI-based solution in Sinhala. The system is personalized based on the type of visual impairment (fully blind from birth, fully blind due to incidents, or partially blind) to ensure content relevance to each student's unique experience.

## TECHNICAL SKILLS

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- **Programming Languages** Java , JavaScript , TypeScript , Python
- **Frameworks** ReactJs , NextJs , NodeJs , Serverless , Nextra , Bootstrap , Tailwind CSS
- **Database** MongoDB , MySQL , MSSQL , DynomoDB
- **Cloud Services** AWS
- **API Documentation** Postman , ApiDog, ReadMe API , Swagger
- **Other tools** GitHub , GitLab , Figma , Jira , Playwright , Cucumber

## SOFT SKILLS

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- Team work , Communication skills , Designing skills , Problem solving , Time management

## VOLUNTEERING

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- **FIT Moments** HR Pillar Head (Sep 2024 - Present) & HR Pillar Member (Mar 2023 - Oct 2024)
- **INTECS** Company Coordinator | FIT Future Careers ' 2022
- **Rotaract Club** Subject Coordinator | Nena Aruna ' 2021 , Rep Coordinator | Are you ready? ' 2021

## INTERESTS

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- Web designing , Mobile photography , Drawing , handcrafting, Community works

## REFERENCES

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### Mr. B.H. Sudantha

Dean, Faculty of Information Technology,  
University of Moratuwa.  
Phone : 071 572 1744 | Email : sudanthabh@uom.lk

### Mr. Tharindu Karunayaka

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