KAVINDA KESHARA

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LinkedIn   **GitHub**   **Npm packages**

EXPERIENCE

2025/05 – PRESENT
SOFTWARE ENGINEER, DB INTERNATIONAL
Passionate Full Stack Backend Developer with a strong foundation in gameplay systems, backend logic, UI integration, and DevOps practices. Experienced in JavaScript, C#, and Node.js, with hands-on expertise in CI/CD pipelines, containerization, cloud deployments, and server management, focusing on building scalable, performant, and engaging game applications.

2023/10 – 2025/05
ASSOCIATE SOFTWARE ENGINEER, EVOKELABS (PVT) LTD
TRAINEE SOFTWARE ENGINEER
(INTERN SOFTWARE ENGINEER 2023/10 – 2024/04)
Developed and maintained scalable applications using React.js, Next.js, Express.js, and Node.js. Worked on backend services with Kafka, MongoDB, Redis, and Neo4j. Collaborated on Java and Spring Boot services and contributed to deployment on AWS. Followed Agile methodologies, contributing to sprint reviews, estimations, and retrospectives.

2021/06 – 2021/09
JUNIOR DEVELOPER, S.A. KNOWLEDGE SERVICES (PVT) LTD
Worked with pawning module. Technologies - Typescript, JavaScript
Projects - BUILDING A CLI TOOL FOR EXPORT GITHUB ISSUES TO XLX

2022/01 – PRESENT
SOFTWARE DEVELOPER, FREELANCE
Developed custom software solutions for clients, mainly using JavaScript, Java, MERN, SQL and MongoDB technologies.

EDUCATION

2019 - 2024
B.SC. (HONS) IN INFORMATION TECHNOLOGY,
SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY (SLIIT)

SKILLS

- Typescript
- Kafka
- JAVA
- C#
- Unity
- Python
- AWS
- Scala
- CI/CD

OPEN-SOURCE PROJECT

- **CleanSend - OpenMsg Protocol Server**

  A TypeScript implementation of the OpenMsg Protocol - secure, decentralized messaging system with end-to-end encryption for cross-domain communication

  github.com/Keshara1997/CleanSend

- Analog-Clock

  Open-Source Contribution, Contributed to an open-source Analog Clock is a customizable React component that displays an analog clock with various options for customization.

  github.com/Keshara1997/Analog-Clock

PROJECTS

Fused – Microfinance Platform
- Evoke Labs (10/2023 – 05/2025)
- Built a scalable microfinance app for Future Life Investments (FLI) with web/mobile support.
- Developed full-stack features using TypeScript, React, Next.js, Node.js, Express, Neo4j, MongoDB, SQL.
- Used Kafka, Zookeeper, Debezium, and Redis for real-time data streaming and performance; deployed on AWS.

RESEARCHER

Smart Farmer Education System for Disease Identification, Severity Assessment and Infestation Management (Brinjal)

I utilized MASK RCNN technology to detect and quantify leafhopper damage on brinjal leaves. This involved training a deep learning model on annotated leaf images to distinguish healthy and damaged areas accurately. An algorithm was built to calculate the percentage damage to the leaves and display in the app. The automated process sped up assessment, saving time and reducing errors, ultimately contributing to more efficient and sustainable farming practices.
- Research publications - 17th IEEE ICIIS 2023
- Technologies - Opencv, Google Colab Pro, TensorFlow, Firebase, React Native
- GitHub - Keshara1997/leaf-disease-area-calcification

REFERENCES

Ms. Chathurika Madushani
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