# Kavindu de Alwis

*Software Engineer*

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## Professional Experience

**Software Engineer** 11/2024 – present

Skaleminds (formerly Avantrio)

Developed full-stack web/mobile applications across health, fintech and manufacturing domains.

- Developed core features, API integrations, state management, and subscription workflows for a cross-platform women's health application built with React Native.
- Implemented in app purchases and subscription management using RevenueCat.
- Developed a mortgage application automation system using OCR for data extraction and OpenAI models for structuring extracted data, reducing manual effort by 60% for brokers.
- Created a secure file storage and file retrieval system using AWS S3 and presigned URLs to handle sensitive customer documents.
- Built core modules of a Manufacturing Resource Planning system using Django, increasing operational efficiency for manufacturing processes.
- Technologies used: **Django, Javascript, React.js, Node.js, React Native, Prisma, Postgres SQL, Tailwind CSS, Docker, OpenAI LLMs, AWS, RevenueCat**

**Software Engineer (Part Time)** 08/2024 – 11/2024

StreamRX

Built a web-based platform for US pharmacy owners to provide detailed drug reimbursement insights aimed at profit maximization.

- Developed a price comparison dashboard with filtering capabilities to compare over 100+ drugs across 5+ insurance plans.
- Created a csv parser to extract analysed insurance plan data, reducing manual data handling effort by 70%.
- Integrated AWS S3 for secure storage of uploaded pharmacy data files.
- Technologies used: **Django, Javascript, Bootstrap CSS**

**Associate Software Engineer** 09/2023 – 10/2024

Skaleminds (formerly Avantrio)

Delivered modern, mobile-first web apps with optimized performance.

- Developed modern, mobile-first user interfaces using CSS frameworks like Bootstrap and Tailwind CSS.
- Integrated RESTful APIs and third-party services to expand application capabilities.
- Technologies used: **React.js, React-redux, Bootstrap CSS, Tailwind CSS**

**Trainee Software Engineer** 10/2021 – 09/2022

Skaleminds (formerly Avantrio)

Gained foundational experience in full-stack development and UI design.

- Implemented responsive user interfaces, to ensure seamless access to web applications across various devices.
- Integrated backend services using RESTful APIs to facilitate data exchange and extend application features.
- Documented technical specifications and code base enhancements to improve code maintainability and team collaboration.
- Technologies Used: **React.js, Next.js, Django REST, Bootstrap CSS**

## Education

**Bachelor of Science - BSc, Computer Science** 09/2019 – 08/2023
Informatics Institute of Technology affiliated with
University of Westminster, UK

- Graduated with an upper second class honours.

**G.C.E. Advanced Level** 08/2019
Prince of Wales' College, Moratuwa

- Combined Mathematics - C
- Physics - C
- Chemistry - C

## Skills

**Programming Languages** — JavaScript | TypeScript | Python | Java

**Frontned Technologies** — React | React Native | NextJS | Redux | Bootstrap | Tailwind | HTML | CSS

**Backend Technologies** — NodeJS | ExpressJS | Django | Fast API

**Database** — MySQL | MongoDB | PostgreSQL

**Other Tools** — Git | Linux | Docker | Shopify

## Languages

**Sinhalese** — Native proficiency | **English** — Highly proficient in speaking and writing