

# VIDUSH RAJ SELVARAJ

## Software Engineer

Wattala, Sri Lanka, 134/6 Kerawalapityaa Road, Hendala, 11300

vidushrajselvaraj19@gmail.com +94765325438

### WEBSITES AND SOCIAL LINKS

LinkedIn: <https://www.linkedin.com/in/vidushraj-selvaraj-600a38222/>

GitHub: <https://github.com/vidushraj1>

Portfolio: <https://vidushraj1.github.io/vidush-portfolio/>

### SUMMARY

Passionate full-stack developer and designer specializing in user-centric web applications and AI-powered solutions. Skilled in React.js, Node.js, MongoDB, and AI technologies such as Generative AI, LLMs, LangChain, and OpenAI API. Experienced in delivering technically robust and intuitive digital products with strong UI/UX focus.

### EXPERIENCE

❖ QA Intern, DineTap ..... Jul 2023 — Jul 2024  
Singapore

- Conducted manual testing of the Dinetap app and website to ensure quality and functionality.
- Created detailed test cases and documentation to maintain clear records of testing procedures and results.
- Collaborated with developers to reproduce, verify, and resolve critical bugs swiftly.
- Executed comprehensive test plans and regression testing, ensuring software quality, reliability, and seamless updates.
- Participated in agile sprints, contributing to faster product delivery cycles.
- Trained Intern team members on all products fostering a quality-driven culture.
- Utilized ClickUp for tracking issues, streamlining project management processes.

### EDUCATION

❖ Informatics Institute of Technology (IIT) ..... 2021 — 2025  
Sri Lanka

*BEng(Hons) Software Engineering,*  
**Affiliated with the University of Westminster, UK**

- **Graduated with First-Class Honours**

❖ Wycherley International School ..... 2019 — 2021  
Sri Lanka

*Cambridge GCE AS & A Level Examination,*  
**Computer Science: A • Chemistry: C • Physics: D**

❖ Wycherley International School ..... 2017 — 2019  
Sri Lanka

- **Computer Science: A • Physics: A • Mathematics: A • Chemistry: B • Biology: B • English: C**

### SKILLS

Java .....	Python .....
TypeScript .....	Dart .....
Node.js .....	Flask and Django .....
React.js, React Native and Next.js .....	Flutter .....
Figma and Adobe XD .....	MongoDB and MySQL .....
Vector Databases (Pinecone, FAISS) .....	Generative AI, RAG Pipelines and AI Agents .....

## LANGUAGES

English ..... ❖❖❖❖❖  
Sinhala ..... ❖❖❖❖❖

Tamil ..... ❖❖❖❖❖

## PROJECTS

**CliniGuide** - Flutter, Node.js, Flask, LLM, RAG, FAISS, Knowledge Distillation

A personalized medication recommendation mobile app built with Flutter, powered by an LLM backend. It uses a custom knowledge base with RAG and Chain of Thought prompting for accurate, context-aware suggestions.

**Supreme Visualization** - Python, Deep Learning, CNN, RNN, LSTM, Tkinter

A deep learning project that uses CNN, RNN, and LSTM to detect anomalies in CCTV footages when a CCTV footage is uploaded, with the UI created using Python and Tkinter.

**Skin Consultation Managing Program** - Java, Swing GUI, OOP, CRUD

A Java program with a Swing GUI for managing skin consultation bookings. It's built using Object-Oriented Programming (OOP) principles and provides full CRUD (Create, Read, Update, Delete) functionality for managing appointments and patient information.

**Travel Ceylon** - HTML, CSS, JavaScript

A website recommending the best locations to visit in Sri Lanka. Developed using HTML, CSS, and JavaScript, it serves as a guide for travelers to explore the country's attractions.

## INTERESTS

- AI & Robotics
- Gaming
- Photoshop & Editing

## REFERENCES

**R. Sivaraman (MSc)**, *Visiting Lecturer*,  
Informatics Institute of Technology, Colombo-6  
rshivaraam@gmail.com,  
(+94)77275764

**J.R.J Ravi (MD)**, *Medical Practitioner*,  
Sechenov University Hospital, Moscow, Russia  
jeremyravi14@gmail.com,  
(+94)768887717