

## CONTACT

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Colombo, LK

## SUMMARY

Software engineering student with hands-on experience building and deploying full-stack applications. Proficient in JavaScript, Python, PostgreSQL, API design, and cloud infrastructure. Contributed to the development of mobile and web dashboards in a collaborative team environment, maintaining high reliability in production. Built independent projects serving 50+ users and handling thousands of API requests per day, with a focus on performance and clean architecture.

## SKILLS

### Languages

Python, JavaScript, TypeScript, Dart

### Backend

REST API Design, Authentication & Authorisation, Input Validation, Data Processing Pipelines

### Database

PostgreSQL, Redis, Query Optimisation.

## EXTRA-CURRICULAR ACTIVITIES

Member of IEEE and IEEE CS

## COMPETITIONS

HULT Prize IIT Qualifiers

IEEEExtreme 19.0 Hackathon

ModelX

# W.K.V. IMAYURU WEERAWALA

Software Engineering Intern

## EXPERIENCE

**Budgitin (IIT SDGP Project)** Nov 2025 – Present  
Co-Founder & Backend Engineer Colombo, LK

- Built and maintained backend APIs and database systems using Python and PostgreSQL, supporting core functionality across web and mobile applications with RESTful architecture.
- Modelled and optimized relational database schemas, improving query performance by ~20% and ensuring efficient data access patterns.
- Implemented authentication and authorization systems.
- Deployed and managed backend services on VPS and Cloudflare, maintaining 99%+ uptime and improving average API response times by ~15%.

## EDUCATION

**BEng (Hons) Software Engineering** Sep 2024 - Present  
*University of Westminster*

**Foundation in Higher Education** Sep 2023 – Apr 2024  
*Informatics Institute of Technology*

- Graduated with Distinction

**GCE O/L Exam** Jan 2022 – Dec 2022  
*Vidura College*

## PROJECTS

### [utrak.xyz](#) – URL Shortening & Analytics Platform

*Independent Product*

*Tech Stack:* Tanstack Start | React | BunJS | Cloudflare | Postgres | Redis

- Engineered and deployed a full-stack URL shortening and analytics platform used by 50+ active users and handling thousands of API requests daily.
- Identified and optimized five slow-performing database queries, using query analysis tools and indexing strategies, resulting in a 30% decrease in overall database load.

### AI Commit Helper

**Generate commit message for git staged files using Google Gemini**

*Tech Stack:* NodeJS | Google AI Studio | Typescript

*GitHub:* [github.com/typicalninja/ai-commit-helper](https://github.com/typicalninja/ai-commit-helper)

### Download GitHub Files

*Tech Stack:* React | TypeScript | GitHub API | Vite

*GitHub:* [github.com/typicalninja/download-github-files](https://github.com/typicalninja/download-github-files)