

Vidath Weerawala

Software Engineering Intern

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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.

EXPERIENCE

Budgitin

Nov 2025 - Present

Co-Founder | Colombo, LK

- Architected and maintained RESTful API services and PostgreSQL database schemas in Python supporting a Flutter mobile application and Next.js web dashboard.
- Modeled and optimized relational database schemas, improving query performance by ~20% and ensuring efficient data access patterns.
- Deployed and managed backend services on VPS and Cloudflare, maintaining 99%+ uptime and improving average API response times by ~15%.

EDUCATION

BEng (Hons) in Software Engineering

Sep 2024 - Present

University of Westminster

- Relevant Coursework: Software Development Group Project (SDGP)

Higher Education

Sep 2023 – Apr 2024

Informatics Institute of Technology

- Graduated with Distinction

PROJECTS

utrak.xyz – URL Shortening & Analytics Platform

Tech Stack: NextJS | React | NodeJS | 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 improved 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 | TypeScript | CLI

GitHub: github.com/typicalninja/ai-commit-helper

GitHub Directory Downloader – Client-side page to download individual GitHub directories

Tech Stack: React | TypeScript | GitHub API | Vite

GitHub: github.com/typicalninja/download-github-files

SKILLS

Languages

Python, JavaScript, TypeScript, Dart

Backend

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

Database

PostgreSQL, Redis, Query Optimization.

EXTRA-CURRICULAR ACTIVITIES

Member of IEEE and IEEE CS

COMPETITIONS

HULT Prize IIT Qualifiers	2026
IEEEXtreme 19.0 Hackathon	2025
ModelX	2025