Visitha Nirmal Rajapaksha

Software Engineer(full-stack developer)

Passionate about front-end and back-end development, I build seamless web apps with a focus on user experience and innovation. Strong work ethic, always learning.

Phone: +94-781-262-257

Email: visitha2001@gmail.com

Address: No.99/3, Kahawaththa, Ambathanna, Kandy, Sri Lanka

GitHub: https://github.com/Visitha2001

Kaggle: https://www.kaggle.com/visithanrajapaksha

Medium: https://medium.com/@visitha2001

LinkedIn: https://www.linkedin.com/in/visitha-nirmal-rajapaksha-5809a3300

CERTIFICATIONS

BSC(HONS) IN SOFTWARE ENGINEERING
ICBT Campus - Colombo / Cardiff Metropolitan University (2025)

HIGHER DIPLOMA IN COMPUTING
ICBT Campus - Kandy / Cardiff Metropolitan University (2022 - 2024)

SKILLS / TECH STACK

Skills :

- Agile development, Web Design & Development, Mobile App Development, Machine Learning, Deep Learning(CNN), RestAPI / GraphQL, Creative Thinking, UI/UX Designing, Problem-Solving, DevOps, Micro Services, CI/CD - Docker, Git (Version Control)

Web Development :

- Frontend Development & Graphics: HTML / CSS (Structure and Style). React.JS / React-3-fiber (User Interface and 3D Rendering) JavaScript / TypeScript / 3js (Core Language and Graphics Libraries)
- Backend & API Development: PHP / Laravel, Spring Boot (Java), Python (FastAPI / Django)
- Full-Stack & Runtime Environments: Node.JS / Express.JS (Runtime and Server Framework), Next.JS (Server-Side/Full-Stack React Framework)
- Tools & Optimization: Zustand (State Management), SEO (Search Engine Optimization)

Database :

- SQL / MySQL, MongoDB, PostgreSQL / Neon

PROFESSIONAL EXPERIENCE

Intern Full Stack Developer @VVH Solutions

A web application for a tourism client
AYLA (2024)

- Database (Mongo DB) Front-End : (React Js) Back-End : (Express.Js , Node.Js)

E-commerce shoping platfrom
FastWay (2024)

- Database (Mongo DB) Front-End : (Next.Js) Back-End : (Spring Boot)

Web application for a language Center (SIS)

Aventara Group (2024)

- Database (Mongo DB) Front-End : (React.Js) Back-End : (Express.Js , Node.Js)

Management system for a laundry

Laundro Central (2024)

- Database (SQL) Front-End : (Laraval Blade) Back-End : (PHP Laraval)

Offline point of sales system (POS)

VVH-POS (2024)

- Database (SQL Server) FrameWorks (C# .Net / Windows Form Application)

INDIVIDUAL PROJECTS

X-Ray disease detection with multi- lang support and chatbot(X-Det-AI)

- Database: MongoDB, Front-End: Next.js(Ts) / AuthJs (Google Auth), Back-End: FastAPI(Python), CNN (Tensorflow / OpenCV), Gemini API

Stock Market Traching Application

- NextJS full-stack, MongoDB, Inngest workflow, TailwindCSS, ShadCN, finnhub/Trading View, Google-Gemini-Api
- URL: https://stock-market-opal.vercel.app/

Personality Predictor : Discover if you're an Introvert or Extrovert

- Back-End : (FastAPI) , Front-End: ReactJS
- Ensemble Tree-Based Models (XGBoost, LightGBM, CatBoost)

Secure User Authentication with http only cookies approach

- Database (Neon PostgreSQL), Drizzle-ORM, Back-End : (Node.JS, Express.JS), Security: (Arcjet/JWT/Cookies) Testing(Jest) Dockerized and GitHub Actions Workflow(CI/CD)

Library management application

- Database (PostgreSQL), Framework: (NextJS), AuthJs(Github Auth), ImagekitIO, ShadCN

Employee Management system (EMS)

- Database (Mongo DB) . Back-End : (Spring Boot)

Startups posting application (Social Platform)

- Database (Sanity) Framework : (NextJs) , Debugging: (Sentry)

Inventory Management system

- Database (SQLite) Framework : (Django)

Ai wallpaper generater(Gemini API)

- Front-End : (Next.Js / Tailwind CSS)
- URL: https://wallpaper-generator-gemini-ai.vercel.app/

Learning Management System (LMS)

- Database (Mongo DB) Back-End : (Node.JS, Express.JS)

Dojo Web Application

- Database (SQLite) Framework : (Laraval + Blade)