

NITHILA THIRANAGAMA

COMPUTER SCIENCE UNDERGRADUATE

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PROFESSIONAL SUMMARY

Computer Science undergraduate at the University of Westminster with hands-on experience in full-stack and backend development using Python, React, and Next.js. Experienced in building automation tools, Telegram bots, and deploying applications on cloud/VPS environments. Interested in Software Engineering, Backend Development, and Cloud/DevOps roles. Seeking an internship to apply technical skills and contribute to scalable software systems in a collaborative Agile environment.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript

Frontend: HTML, CSS, React, Next.js, Tailwind CSS

Backend: FastAPI

Concepts: OOP, SQL, Algorithms, Client-Server Architecture, REST APIs

Cloud & DevOps: VPS (Linux), Cloud Deployment, API Integration, CI/CD

Tools & Platforms: Git, VS Code, NetBeans, Azure, Heroku, Firebase

Soft Skills: Problem Solving, Teamwork, Communication, Adaptability

PROJECTS

PathFinder+ – Career Guidance Platform (Group Project)

Tech Stack: Next.js, React, Tailwind CSS, FastAPI (Python), Fetch API

- Built a full-stack web application for students and job seekers.
- Built responsive frontend using React, Next.js, and Tailwind CSS.
- Built backend APIs using FastAPI and Python.
- Integrated frontend and backend using Fetch API.
- Collaborated in a team following software development lifecycle practices.

Telegram GDrive Bot (Python, Telegram API, Google Drive API, VPS)

- Built a Telegram bot for uploading and managing files in Google Drive via chat.
- Integrated Google Drive API for file storage, retrieval, and management.
- Deployed the application on a VPS for 24/7 availability.
- Automated file handling and user interactions through command-based workflows.

EXPERIENCE

Freelance Web Developer

2019 – Present

- Designed and developed websites based on client and project requirements.
- Built educational platforms to share A/L learning materials.
- Created blog-style websites to share technology tips and digital tools.
- Developed simple automation tools and Telegram bots for content sharing and task automation.

Automation & Bot Developer

2021 – Present

- Built and deployed Telegram bots for automation and file management.
- Developed password management and cloud storage bots using APIs.
- Integrated third-party services like Google Drive and Telegram API.
- Designed systems to automate repetitive digital tasks

EDUCATION

BSc (Hons) Computer Science

2024 – 2028 (Expected)

University of Westminster, UK

REFERENCES

Ms. Dileeka Alwis

Senior Lecturer at Informatics

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