PRABHATH KELUM CHAMPIKA

FULL-STACK DEVELOPER

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ABOUT ME

Innovative Software Developer and AI Researcher with a focus on building high-performance Desktop Applications (Python/PyQt5) and scalable Web solutions. Experienced in developing secure systems, real-time monitors, and privacy-preserving AI models. Passionate about bridging the gap between complex backend logic and seamless frontend experiences using modern AI-driven workflows (Vibe Coding) and Cloud technologies.

TECHNICAL SKILLS

- Languages: Python, JavaScript, HTML5, CSS3
- Frontend: Vue.js, Tailwind CSS, PyQt5
- Backend: FastAPI, Python
- Databases: PostgreSQL, ORM, SQLAlchemy
- Tools & Platforms: Git, GitHub, VSCode, PGAdmin4

PROJECTS

Learn-Forge SaaS Platform Frontend | Vue.js, Tailwind CSS

A production-ready e-learning SaaS platform built with Vue.js and FastAPI. Delivers course management, student progress tracking, interactive quizzes, subscription billing, and a powerful admin dashboard — all backed by a scalable PostgreSQL database with full REST API architecture.

Grains & Ground | HTML, CSS, JavaScript

A designer-focused web interface for a specialty coffee brand. Built with semantic HTML5 and vanilla CSS, it features a clean responsive layout, dynamic tabbed menus, and smooth scroll animations for a premium digital storefront and seamless user navigation.

Amber perfume web | HTML, CSS, JavaScript

A minimalist, high-performance luxury e-commerce web application with dynamic fragrance family filtering, visual scent breakdown guides, interactive shopping cart capabilities, and smooth UI animations — built using vanilla HTML5, CSS3, and JavaScript.

PTTX to PDF Merger | Python, Qt5

A professional utility that converts and merges multiple PowerPoint (.pptx) files into a single, organized PDF document. Powered by Microsoft PowerPoint COM automation for high-fidelity, layout-perfect PDF output.

EDUCATION

Higher National Diploma in Information Technology (HNDIT) 2024 – 2026

- Hardy Advanced Technological Institute, Ampara
- Relevant Coursework: Web Development, Database Management Systems, Object Oriented Programing, Data Structure and Algorithm, UI & UX Design.

G.C.E. Advanced Level (Technology Stream) 2023

G.C.E. Ordinary Level 2020

CERTIFICATIONS & CONTINUOUS LEARNING

- Full-Stack Web Development (Self – paced Learning) | Ongoing
- Vibe Coding for Beginners | In Progress
  Learning accelerated development methods to boost coding speed and creative problem-solving.
- Prompt Engineering Masterclass | In Progress
  Focusing on effective prompt structuring, AI response optimization, and real-world AI applications.

LANGUAGES

- Sinhala
- English
- Tamil

SOFT SKILLS

- Leadership & Team Collaboration
- Problem-Solving
- Rapid Learning
- Attention to Detail
- Self-Management
- Time Management

REFERENCES

Mr. H.G.P. Chinthaka
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