

LIVNES GANESAN

COMPUTER SCIENCE STUDENT

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[🔗](#) Portfolio

PROFILE

Computer Science student with hands-on frontend development experience building features for a live production accounting platform. Comfortable across React, Angular, TypeScript and Python, with a practical exposure to state management, REST/GraphQL, API's and Git-based release workflows. Focused on writing reliable, production ready code and continuing to grow as a software developer.

EDUCATION

Bachelor of Computer Science, *HELP University* [🔗](#) 2026 – Present | Subang 2, Malaysia
Diploma in Information & Technology, *HELP University* [🔗](#) 2023 – 2025 | Subang 2, Malaysia

PROFESSIONAL EXPERIENCE

FrontEnd Developer Intern, *Biztory Cloud* [🔗](#) 05/2025 – 07/2025 | Puchong, Malaysia

- Added a full-width layout toggle to the accounting web app so users could expand content across wider screens, persisting the preference across sessions via local storage.
- Rebuilt the new-account onboarding flow so registrations landed directly on the current app version instead of the deprecated one, removing a manual migration step for new users.
- Implemented TIN validation against BRN for customer and supplier e-invoicing records to meet regulatory compliance requirements.
- Built a line-item classification dropdown across the Sale, Purchase, and Expense modules, and surfaced it directly in the e-invoice view for faster review.
- Set up and configured an AI support chatbot on Freshdesk for customer-facing deployment, working directly with Freshdesk support to resolve API ticket-creation limitations.
- Shipped fixes and enhancements through a Git/Jira PR workflow across a 12-week release cycle, incorporating senior developer code review feedback and refactoring to the codebase's NgRX state pattern.
- Used version control (Git) for collaborative development and deployment.

PROJECTS

Vesper [🔗](#), *Local-first voice assistant*

Desktop voice assistant with a local wake-word push-to-talk speech pipeline (faster-whisper transcription), LLM backend auto-detection (local Ollama/LM Studio, Anthropic API, or Claude CLI), and a Three.js orb UI. Packaged as a single Windows executable. Built with Python, FastAPI, faster-whisper, Three.js, edge-tts, PyInstaller.

TaskZen [🔗](#), *ADHD friendly productivity workplace*

Installable, offline-capable PWA with a capture-first inbox, focus timer, energy tracking, and routines, built on zoneless Angular 20 with signals and NgRx feature slices, tested with Playwright. Built with Angular 20, NgRx, Firebase, TypeScript, PWA, Playwright.

StudyFlow [🔗](#), *AI Study planner*

Full-stack study planner with dynamic time redistribution that rebalances the schedule when a session is missed, plus AI-assisted schedule generation. Built with React, TypeScript, Vite, Node.js, Express, MongoDB.

SKILLS

- **Languages:** TypeScript, JavaScript, SQL, C#, Java, Kotlin, PHP
- **Framewords & Libraries:** React, Angular, Next.js, Node.js, Tailwind CSS
- **Toolds & Platforms:** Docker, Git, MongoDB, GitHub Actions
- **Time Management**
- **Teamwork**

CERTIFICATES

- **Oracle Academy:** Database Programming
- **Oracle Academy:** Database Design

LANGUAGES

English, Malay, Tamil