

PHAM GIA KHANG

📍 Ho Chi Minh City ✉ pgkhangt1@gmail.com ☎ 0948 606 997

in Khang Pham 🌐 Khang080704

Education

University of Science

Oct 2022 – Jul 2026

Bachelor in Software Engineering

- GPA: 8.25
- **Major:** Software Engineering

Skills

Programming Languages : JavaScript, TypeScript, C#

Libraries / Frameworks: Reactjs, Nextjs, TailwindCSS, ExpressJS

Tools / Platform: Github, VS Code, Figma

Databases: MsSql

Projects

Savings Management application

[Repository](#) 

- **Description:** Developed a saving accounts management system which allows user to manage their customer's savings. The system also manages different deposit term types.
- **Position:** Back-end developers and Team leader
- **Technologies:** Expressjs, EJS, SQL Server
- **Tools used:** VS Code, Docker, Git
- **Responsibilities**
 - Built a backend server using Node.js and Express to handle CRUD operations for savings books and transactions.
 - Implemented dynamic front-end views using EJS template engine for seamless page rendering.
 - Structured the project following the separation of concerns principle, dividing frontend static files (HTML, CSS, JS) and backend server logic.
 - Developed search and filter functionality based on date, balance amount, and savings status.
- **Key features:**
 - Using MVC design pattern with Restful API and JSON data format
 - Implemented features for creating, searching, depositing, and withdrawing for saving accounts
 - Implemented monthly statistics for account numbers
 - Adding, deleting terms and modifying the minimum deposit amount for each term

AI Short Video Creator

[Repository](#) 

- **Description:** Developed a comprehensive AI-powered video creation and sharing platform built with Nextjs that enables users to generate, edit, and share short-form videos with automated voice synthesis, image processing, and multi-platform export capabilities. The application features a modern responsive interface with advanced video editing tools and social media integration.
- **Position:** Front-end developer
- **Technologies:** Nextjs, Tailwind
- **Tools used:** VS Code, Git
- **Responsibilities**

- **Frontend Architecture** Designed and implemented the complete frontend architecture using Next.js 14 App Router with TypeScript and Tailwind CSS
 - **UI/UX Development** Built responsive user interface with custom components, masonry grid layouts, and interactive video editing tools
 - **Design Pattern Implementation** Applied multiple design patterns including Strategy (authentication), Builder (user/video objects), DAO (data access), and Singleton patterns
 - **Video Player & Controls:** Created custom video player with playback controls, favorite management, and social sharing features
- **Key features:**
- **AI Video Generation:** Automated video creation from text scripts with AI-powered image generation and voice synthesis
 - **Advanced Video Editor** Real-time text overlay editor with custom fonts, colors, and positioning
 - **Audio Management** Voice selection system with real-time preview and auto-stop functionality
 - **Multi-Platform Export** YouTube integration with OAuth2 authentication and direct video upload
 - **Analytics Dashboard** Comprehensive statistics with video performance tracking