Kelvin He

Software Development and Management

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🔗 https://kelvin-he.netlify.app/

Profile

I am a third-year student in Software Development and Management at the Technology University of Panama, passionate about technology and software development. My goal is to become a fullstack developer, capable of handling both the frontend and backend of web applications. I excel in problem-solving, teamwork, and adapting to new technologies and agile methodologies. I am committed to continuous learning and improving my skills to contribute effectively to innovative and challenging projects.

Education

Tecnology University of Panama
Bachelor's Degree in Software Development and Management
Fourth Year undergraduate student (2023 - Present)
Expected Graduation Date: 2026

Skills

Hard Skills
- **Programming Languages:** Java, C#, JavaScript, PHP, Python
- **Web Technologies**: HTML, CSS, Tailwind CSS, Bootstrap
- **Frameworks:** React, Vue, Flask
- **Version Control:** Git, GitHub
- **Design Tools:** Figma
- **Database Management:** SQL Server, MySQL, SQLite, HeidiSQL, MariaDB, phpMyAdmin

Soft Skills
- Problem-Solving & Analytical Thinking
- Teamwork & Collaboration
- Effective Communication
- Adaptability & Continuous Learning
- Responsibility & Time Management
- Attention to Detail
- Creativity & Critical Thinking

Internship Experience

Internship in Web Development and Multimedia | Universidad Tecnológica de Panamá (UTP) Duration: July 2025 - October 2025 (3 months)
- Participated in the DiGITED project within the Directorate of Innovation and Educational Technology.
- Worked on Frontend development using Vue.js and Backend with Flask.
- Contributed to the design and implementation of technological solutions for the educational field.
- Assisted in the development of interactive and dynamic web applications, enhancing user experience.

Internship in Business Intelligence | Insignia Financial Advisors (IFA BPO) June 2025 – July 2025 (3 weeks)
- Participated in a training and development program in the Business Intelligence field, working on basic tasks within the department under technical supervision.
- Applied prior knowledge in programming (Python, C#, JavaScript) and databases (SQL).
- Utilized tools such as Excel and Power BI for data analysis and report generation.
- Collaborated on practical projects using real-world tools in a professional environment.
- Developed analytical skills and problem-solving abilities in a remote work setting.

Projects

IntelliDocs (AI Document Analysis System) 🔗   12/2025
Engineered a multimodal document analysis platform using Python, FastAPI, and Streamlit, powered by Google's Gemini 2.5 Flash. Features semantic search, interactive document chat, and smart comparison capabilities for processing PDFs and images efficiently.

NoticiaPTY (PHP | Web Development) 🔗   07/2025
Developed a news management web platform focused on Panamanian content, featuring user roles, CRUD operations, and interactive tools like comments and likes. Built with PHP, MySQL, HTML5, CSS3, and JavaScript, emphasizing security and responsive design.

Runners App (Android App | University Project) 🔗   05/2025
Developed an Android app in Java (Android Studio) to track running sessions, set goals, and view workout history. Implemented local data persistence, automatic translation, and dark/light mode.

Agrodelis System (C# .NET | REST API + Desktop App + Web Frontend) 🔗   11/2024
Developed a complete system inspired by *Merca Panamá*, integrating a C# .NET REST API, a Windows Forms app for producers to manage products, and a web frontend for customers. Focused on data integrity, scalability, and user experience.

Languages

- **Spanish** - Native Level
- **English** - Advanced Level (B1+)
- **Mandarin** - Intermediate Level (HSK4)
- **Cantonese** - Intermediate Level

Interests

- Building personal coding projects
- Exploring emerging technologies
- UI/UX experimentation
- Gaming & tech culture
- Fitness & music

Certificates

- Machine Learning Explainability - Kaggle - 11/2025 🔗
- Intro to Machine Learning - Kaggle - 11/2025 🔗
- Intro to Programming - Kaggle - 11/2025 🔗
- Python – Kaggle 10/2025 🔗
- Certification in Linux Unhatched - Cisco Networking Academy 28/10/2025 🔗
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate - Oracle University 14/10/2025 🔗
- Certification in Forensic Computing - Academia Progenios 09/2025 🔗

Awards

Certificado de Honor al Mérito – Capítulo de Honor 🔗   10/2025
Universidad Tecnológica de Panamá
Reconocimiento otorgado a estudiantes destacados por su dedicación, responsabilidad y excelencia académica durante su formación en la Facultad de Ingeniería de Sistemas Computacionales.