Henry Galvez

Systems Engineer | Frontend & Mobile Developer | UX/UI Designer

Arequipa, Peru • henrygalvezquilla@gmail.com • +51 970 675 529 • linkedin.com/in/henrygalvez •
henrygalvez.dev • github.com/HenryGalvezQ

Professional Profile

Systems Engineer specialized in Frontend and Mobile development with a focus on UX/UI design. National cybersecurity tournament finalist and winner of technology innovation fairs. I combine scalable technical architectures with user-centered interfaces and product vision to build robust, secure, and highly usable solutions. Able to take ideas from concept to functional MVP, combining UX/UI design and frontend development in short delivery cycles.

Skills

- **Frontend & Mobile Development:** Vue.js, Nuxt, React.js, TypeScript, JavaScript, Kotlin (Jetpack Compose), Flutter, React Native, Tailwind CSS, Vite.
- **UX/UI Design:** Figma (prototyping & design systems), Research, Wireframing, Usability testing.
- **Backend & Databases:** Node.js, PHP, Python (Flask), Java, MySQL, PostgreSQL, Firebase, OAuth, JWT, NGINX.
- **Languages:** Spanish (Native), English (Intermediate B2).
- **Soft Skills:** Product thinking, Stakeholder communication, Technical leadership, Creative problem-solving.

Education

Universidad Nacional de San Agustín de Arequipa   Arequipa, Peru
Systems Engineering, Graduate   *April 2021 - December 2025*
- Top 20% academic ranking with consistent performance.
- Awards: First Place Projects Fair 2023, Second Place Projects Fair 2025, 2023 and 2022.

Coderhouse   Buenos Aires, Argentina (Remote)
Professional Certification in UX/UI Design   *April – December 2023*

Language Center - Universidad Nacional de San Agustín de Arequipa   Arequipa, Peru
Intermediate English Certification   *November 2024 - November 2025*

Work Experience

Symmetry Club LLC (Fitness App, 750K+ descargas)   Delaware, USA (Remote)
Frontend (Mobile) Developer & UX/UI Designer (Freelance)   *December 2025*
- Developed and maintained the Symmetry Fitness mobile app using Flutter and Dart under agile methodology with User Stories, resolving critical bugs across multiple screens and improving UX in workout and payment flows.
- Implemented A/B tests in Postdog for conversion optimization and configured payment screens via Superwall, customizing subscription flows.
- Designed and updated interfaces in Figma for workout, routine, and payment modules, maintaining consistency with the app's design system.
- Managed releases via CodeMagic (iOS) and GitHub Actions (Android), conducting code reviews and delivering builds to the QA team under Scrum methodology.

InnovaCiencia Perú   Arequipa, Peru
Frontend Developer & UX/UI Designer (Pre-professional Internship)   *May – November 2025*
- Led the Frontend architecture of SIGEPRO (Research Project Management System) as a SPA with Vue 3 (Composition API), Vite and Pinia for efficient global state management.
- Implemented the client-side security layer using HTTP Interceptors (Axios) for automatic JWT token injection,

session management, and OAuth authentication with Google.
- Designed all high-fidelity prototypes in Figma, validated them with the client, and translated them into reusable components with Tailwind CSS, maintaining visual consistency across the platform.
- Developed data management and visualization modules, including Administrative Dashboards with real-time KPIs and advanced filtering tables.
- Implemented Role-Based Access Control (RBAC) for 4 user profiles (Administrator, Accountant, Collaborator, Client) and configured production deployment with NGINX.

Municipalidad Distrital de La Joya   La Joya, Arequipa, Peru
Web Development Specialist (Pre-professional Internship)   *January – March 2025*
- Developed frontend improvements for the institutional web portal, implementing a query chatbot with JavaScript and PHP, and OAuth authentication with Google Console integrating external services.
- Managed MySQL database maintenance for the web portal, executing queries, backups, and optimizations.
- Resolved technical and security issues in the web infrastructure of the administrative system.

Featured Engineering Projects

SafeBank ID - Torneo Ciberseguridad (PHDU Unity Perú)   Arequipa, Peru
Mobile Development Lead - National Finalist Project   *November 2025*

- Developed a native Kotlin solution with MVVM architecture to mitigate financial fraud after device theft, implementing facial detection and liveness verification with Google ML Kit and CameraX, processing security 100% on-device to ensure privacy.
- Led the development and design of a reactive interface with Jetpack Compose optimized under the "Ease of Use" criterion, achieving an accessible experience for users of varying technological backgrounds.

ReMarket: Plataforma de Comercio C2C Offline-First - Feria de Proyectos   Arequipa, Peru
Lead Mobile Developer & Architect   *August 2025*

- Designed Clean Architecture + MVVM architecture in Kotlin with Jetpack Compose, Hilt for dependency injection, and an offline sync system (Room + WorkManager). Led migration to Flutter while preserving all features.
- Developed UX/UI design and real-time chat features with Firebase Firestore, managing REST API consumption (Python/Flask) via Retrofit.

UNSA Park-App: Gestión de Estacionamientos IoT - Feria de Proyectos   Arequipa, Peru
Lead Mobile Developer & Architect   *July 2025*
- Developed a mobile application in React Native and TypeScript with a reusable component architecture, integrating interactive maps (react-native-maps) with real-time availability display and routing system.
- Designed optimized user flows for history queries and status monitoring on mobile devices.

Universidad Nacional de San Agustín - Feria de Proyectos   Arequipa, Peru
Development Lead - Award-Winning Projects (First and Second Place)   *December 2023*
- Led the frontend development and UX/UI design of MIMEDIOPASAJE (Flutter) for university student discount complaint management (1st place) and EPISMAP (C++) adaptive Systems Engineering roadmap (2nd place), managing multidisciplinary teams with agile methodologies.

Additional Professional Certifications

- **Oracle Cloud APEX Developer** – Oracle Corporation   *August – September 2023*
- **Junior Cybersecurity Analyst Career Path** – Cisco Networking Academy   *August 2024 – July 2025*