

Fabián José Fernández Fernández

Alajuela, Costa Rica

LinkedIn | GitHub | Portfolio | fabian.jose.fdez.fdez@gmail.com

OBJECTIVE

Final-year Software Engineering student with strong problem-solving skills and a passion for developing impactful software solutions. Seeking an internship or entry-level position in software engineering to apply my technical expertise, contribute to innovative projects, and bring value to a forward-thinking organization while expanding my skills in a collaborative and dynamic team.

EDUCATION

- Tecnológico de Costa Rica** Alajuela, Costa Rica
Bachelor's Degree in Software Engineering 2022 – Present

EXPERIENCE

- Tecnológico de Costa Rica** Alajuela, Costa Rica
Multiple Roles Feb 2023 – Present
 - Assistant in Software Requirements Course** (Feb 2025 – Present): Supporting the professor in reviewing assignments, assessing projects, and ensuring the smooth execution of the course. Assisting students with technical guidance and improving the course's learning experience.
 - Career Mentor** (Feb 2023 – Present): Mentored over 30 first-year students, guiding them through university processes, academic challenges, and career opportunities to improve their transition into computer engineering studies.
 - Computer Lab Assistant** (Feb 2023 – Jun 2023): Managed and maintained computer lab equipment, assisted students with troubleshooting software and hardware issues, and ensured proper operation of systems to support academic activities.
- AIESEC en Costa Rica** Alajuela, Costa Rica
OGX Member Consideration Nov 2023 – Apr 2024
 - Updated national CRM and audited documents for each EP stage, ensuring seamless transitions in the process.
 - Participated in B2C events for lead generation and analyzed data for process improvement.
 - Maintained communication with IR Partners for opportunity management.

TECHNICAL SKILLS

- Frontend Development:** React.js, Next.js, Tailwind CSS.
- Backend Development:** Python, Node.js.
- Databases & Cloud Services:** PostgreSQL, MySQL, Supabase.
- Testing Tools:** SonarQube, Apache JMeter, Pytest.
- DevOps & Tools:** Git, Jira, Figma, Proficient in both Windows and Linux environments.

ADDITIONAL SKILLS

- Problem-Solving:** Strong analytical skills for identifying, debugging, and optimizing software solutions.
- Collaboration:** Experienced in working with cross-functional teams in academic and technical environments.
- Communication:** Effective at conveying ideas clearly in both technical and non-technical discussions, facilitating teamwork and project coordination.
- Adaptability:** Quick learner, able to grasp new technologies and methodologies efficiently.

KEY PROJECTS

- **Spotify Mobile App**
Built a mobile music app with React Native and Expo, integrating the Spotify API for real-time playback.

GitHub Repo
- **Book Event**
Contributed to an event booking platform using Supabase and Nuxt 3 to streamline venue reservations.

GitHub Repo
- **Tecflix Movie Search**
Collaborated on a movie search app with TMDb API, React, and Bootstrap, featuring real-time filtering.

GitHub Repo
- **Pet Health Tracker**
Contributed to a PWA for veterinary clinics using FastAPI and React for managing pet health records.

Web | Mobile | Backend
- **DVD Rental**
Implemented a DVD rental system with PostgreSQL and Tableau for data visualization.

GitHub Repo
- **IoT Digital Assistant**
Developed an IoT project using Python and ADB for task automation and remote control.

GitHub Repo
- **Manage My Stock**
Built an inventory management system for small businesses using Supabase and React.

GitHub Repo
- **Spark ETL**
Created an ETL pipeline using SparkSQL and PostgreSQL for large-scale data processing.

GitHub Repo

LANGUAGES

- **Spanish:** Native speaker.
- **English:** B2 (Upper Intermediate) - Fluent in technical communication and professional environments.