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

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

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

- **Pet Health Tracker** — Web | Mobile | Backend
  Contributed to a PWA for veterinary clinics using FastAPI and React for managing pet health records.

- **DVD Rental** — GitHub Repo
  Implemented a DVD rental system with PostgreSQL and Tableau for data visualization.

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

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

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

Languages

- **Spanish:** Native speaker.

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