Elkin Vasquez

elkind.dev@gmail.com | +57-302-333-5157 | www.linkedin.com/in/elkin-vasquez-rivera

EDUCATION

- **University of Cartagena,** Cartagena, *Colombia - Bachelor of Computer Engineering.*
  Oct 2020 - Present

  Relevant Coursework: Basic Programming, Object Oriented Programming, Backend Introduction, Web Application Development, Software Engineering, Database design, Operating Systems.

TECHNICAL PROJECTS

- **Water Quality Measurement System Web Site**
  Tech Stack: *React, JavaScript, Fast Api, Python, MySQL*

  Designed, development of a beta version of a web-based water quality measurement system. This system enabled monitoring and analysis of water quality parameters for pools.

- **People Counting Project - Real-Time Transmission API**
  Tech Stack: *FastAPI, Server-Sent Events (SSE), SQL Server*

  Developed a real-time streaming API for people counting using Hanwha cameras, employing Server-Sent Events to continuously update the database and monitor the flow of people at specific locations. Implemented a Proxy pattern in the ProxyDB class to manage the connection to the database securely and efficiently.

EXPERIENCE

- **RLPharma** -. *Developer* - July 2024 – Present
  Tech Stack: *Fast API, NodeJS, Sap Hana, Django, Appsheet*

  Development of **web** and **mobile** solutions, **process optimization**
  through automation, and maintenance of the company's
  security and maintenance plans. Responsible for creating
  internal **APIs** and services, as well as providing IT support to
  ensure service continuity.

- **University of Cartagena** -. *Member of the mobile development
  research seedbed*
  March – Present

  Simulation and analysis of the integration between experimental
  IP-based mobile protocols in ad-hoc networks.

SKILLS & AWARDS:

• Languages: Native speaker in Spanish, Intermediate English.
• Technologies: Python, HTML, CSS, MySQL, Postgres, Git/GitHub,
    RESTful APIs.
• Certifications: Fast Api: Path Operations, Authentication, Validation