
JUNIOR SOFTWARE ENGINEER (CRYPTO)

Portfolio: <https://danielramos-softwaredevelopment.github.io/website/>

GitHub: <https://github.com/danielramos-softwaredevelopment>

Dear Hiring Team,

I am excited to apply for the Junior Software Engineer (Crypto) position at The Tie. I am particularly drawn to this role because it sits at the intersection of data engineering, APIs, and digital asset markets—areas I am deeply curious about and actively developing skills in. I am a junior software engineer with hands-on experience working with Python, SQL, REST APIs, and version-controlled development workflows. I have built and maintained applications that consume external APIs, process structured data, and transform raw responses into usable datasets. I am comfortable writing and debugging SQL queries, working with relational data models, and collaborating through GitHub using pull requests and code reviews.

In addition to my technical background, I bring genuine interest and real-world exposure to cryptocurrency and blockchain systems. I have actively traded crypto, used multiple wallets, explored on-chain data through blockchain explorers and APIs, and studied core blockchain concepts such as transaction lifecycles, hashing, and consensus mechanisms. This background helps me contextualize blockchain data not just as raw inputs, but as signals that reflect market behavior, liquidity, and network activity.

I enjoy working with data end-to-end—cleaning, transforming, validating, and monitoring it for quality and reliability. I am especially excited by the opportunity at The Tie to help build data pipelines, APIs, and internal tools that support institutional-grade crypto analytics. I am also interested in learning more about modern data platforms and contributing to LLM-powered features through prompt iteration, testing, and documentation.

I thrive in fast-paced, collaborative environments and value clear communication, asking thoughtful questions, and continuously improving my technical craft. I take pride in writing clean, well-documented code and in being a dependable team member who takes ownership while learning from more experienced engineers.

The Tie's mission to bridge traditional finance and digital assets strongly resonates with me, and I would welcome the opportunity to grow as an engineer while contributing to a platform used by leading institutional market participants.

Thank you for your time and consideration. I would be excited to discuss how my skills, curiosity, and enthusiasm for crypto data can contribute to The Tie's engineering team.

Best regards,

Daniel Ramos