David Londoño Montoya

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Github: github.com/DavRack

Skills

- **Programming Languages:** Python, Golang, Rust, Bash, TypeScript, C, SQL, CSS, HTML, Arduino
- **Frameworks and Tools:** Linux, Docker, Gitlab CI/CD, Github CI/CD, AWS, Git, Postgres, Svelte, TailwindCSS, Notion, Splunk, Kubernets
- **Soft skills:** Problem-solving, Communication, Teamwork, Attention to detail, Creativity, Adaptability
- **Languages:** Spanish (Native), English (C1 / Proficient)

Summary

Highly motivated Software Developer with more than 4 years of experience, with a strong background in delivering high-quality solutions and leveraging in-depth business knowledge for successful implementations. Offers a perfect blend of technical expertise, effective communication, and a passion for continuous learning. Excels in collaborating with cross-functional teams and understanding complex technical concepts.

Experience

Software engineer — **EPAM** — **Dec 2023 - Present**

- Developed and Mantained CI/CD pipelines using Gitlab CI/CD and Github CI/CD
- Migrated CI/CD pipelines from Gitlab's to Github's CI/CD system
- Developed SDK and CLI in Go to help users to interact with our internal service
- Implemented Teradata to GCP query translation using GPT-4o API's
- Developed a backend service to validate and translate GPC Vertex pipelines

Full stack software engineer — **Vertical tech S.A.S** — **Apr 2021 - Dec 2023**

- Led the architecture, design, and development of over 50 innovative features.
- Effectively presented and communicated ideas and designs to more than 20 key business stakeholders
- Worked with both legacy and new code mainly in Svelte, Python, Django rest, Javascript, PostgreSQL.
- Optimized backend response performance by 40% through the optimization and debugging of complex (O.R.M) queries
- Actively participated in more than 40 weekly code reviews to ensure the highest standards of code quality and system efficiency..
- Successfully migrated legacy code to a modern, maintainable, and testable codebase.
- Designed and implemented a sophisticated parsing system capable of transforming informal text into a structured form using a DSL.
- Generated comprehensive programmatic database reports in Excel and developed a dynamic dashboard using web technologies.
- Architected new application features with a focus on modularity and maintainability.
- Developed scripts for deployment, data import, and other processes, resulting in a time-saving of over 5 hours per week
- Successfully implemented both first and third-party APIs.

Software Engineering Tutor — **Universidad Nacional de Colombia** — **Oct 2019 - Jan 2021**

- Teached and assessed a over 150 individuals in the fundamentals of Linux, Networking, and Operating Systems.
- Created comprehensive grading scripts utilizing Bash and Python to streamline and automate the evaluation process.

Projects

Low level keyboard re-programming — github.com/DavRack/skr

- Low level Linux tool to remap keyboard events.
- Written in C and Python then rewritten in Rust.
- Integrates other linux programs using posix pipes, aditionaly uses Libevdev and Systemd
- Fully open-source

Syntax-aware Code Finder — github.com/DavRack/scf

- Command line tool to efectively search for code in a specific context written in Rust
- Integrates 3rd party crates like Clap, Tree-sitter and hcl-rs
- Fully open-source

Education

Software engineer — **Universidad Nacional de Colombia** — **Feb 2016 - Apr 2023**

✓ Data structures	✓ Algorithms	✓ Design patters	✓ Software engineering
✓ Artifitial inteligence	✓ Object Oriented Programming	✓ Functional Programming	✓ Relational data bases
✓ Non-Relational data-bases	✓ Computer architecture	✓ Operating Systems	✓ Computer vision

Certifications

- EF SET English Certificate 80/100 (C2 Proficient)
- English course for developers