Jorge Rivero III

📞 +1(915)526-3653 | ✉ jrivero@utexas.edu | 🔗 jorge-cloud-devops | 📍 Austin, TX | 🌐 codedbyjorge.dev

Experience

AT&T   *Austin, TX*
SENIOR SOFTWARE ENGINEER   *March 2023 - May 2024*

- Built a React and GraphQL-based interface for a **generative AI-powered vulnerability patching tool**, reducing discovery-to-remediation time by 80%. Integrated real-time AI recommendations and automated security workflows, enhancing usability for internal teams.
- Enhanced the **cloud-based Node.js backend for an internal authentication integration dev tool**, reducing developer onboarding time by 30% and automating manual processes to save 15 hours per project while improving security protocols.
- Led the upgrade of a data privacy tool with a **Python based FastAPI backend and a Typescript React frontend,** increasing transaction processing speed by 20% and reducing memory usage by 18% through code optimizations, architecture improvements, and frontend performance enhancements.

                                                                                           Austin, TX
PROFESSIONAL SOFTWARE ENGINEER   *August 2022 - November 2023*

- Modernized legacy systems and **SQL databases** by developing **REST and SOAP APIs** in MuleSoft, increasing team productivity and supporting the Fiber team's acquisition of 1,000+ subscribers through **scalable** and efficient integrations.
- Built FieldConnect, **a React and Twilio-powered proof of concept for real-time issue resolution**, reducing response times by 50%. Implemented metrics dashboards and alert automations to improve collaboration between admins and field technicians.

                                                                                           Dallas, TX
TECHNOLOGY DEVELOPMENT PROGRAM ENGINEER   *January 2021 - August 2022*

- Deployed PowerBI dashboards integrating Azure cost data, saving $50M annually through infrastructure optimization. Developed predictive analytics for resource allocation, **driving data-driven decisions** across cloud, HR, and sales teams.
- Architected the design and development of a Terraform-powered Azure **Cloud DevOps pipeline**, enabling the automated deployment and configuration of 5G cloud network functions. This transformative solution saved over 100+ hours for third-party vendors while ensuring consistent and efficient resource provisioning.

Gathr   *Austin, TX*
PART-TIME SOFTWARE ENGINEER & QA ANALYST   *September 2021 - March 2022*

- Improved system efficiency by **transitioning a cloud-based chat service from Python to Go**, reducing response time by 25% on Google Cloud Functions.
- Implemented rigorous QA processes for iOS/Android Flutter builds via regression testing to ensure exceptional user experience. Improved app stability through proactive issue resolution and root cause analysis.
- Enhanced Firebase-GCP integration for Flutter-based apps, streamlining cloud-to-mobile data flows and boosting scalability.

ListingSpark   *Austin, TX*
ASSOCIATE SOFTWARE ENGINEER   *June 2018 - August 2018*

- Developed an offer management platform using **Ruby on Rails and Node.JS** to streamlined bid tracking and decision-making for property owners, **integrating MLS data** to enhance listing insights, and collaborated with sales and title teams to optimize real estate workflows, improving operational efficiency by 20%.
- Improved efficiency of research and development data tracking by 80% through **programming a Python script** that analyzed thousands of entries and exposed logging errors with the **MongoDB**.
- Enhanced internal software to improve collaboration between title and sales teams, enabling real-time data visibility into shared workflows and streamlining the process of listing and selling homes on the platform, leading to a smoother user experience.

Skills

Programming Languages	Python, TypeScript, JavaScript, Go, MySQL, Terraform, Ruby, Dart
Cloud Computing/Frameworks	Azure, GCP, Kubernetes, CI/CD, React , Node.JS, FastAPI (Python), MongoDB, Power BI
Spoken Languages	Fluent in Spanish, Advanced in French

Education

The University of Texas at Austin   *Austin, TX*
B.A. SUSTAINABILITY STUDIES & ELEMENTS OF COMPUTING CERTIFICATE   *May 2020*

- **Courses:** Mobile Computing (Swift), Data Analytics (Python, Jupyter Notebook), Web Programming (LAMP, CSS, Javascript, PHP, Bootstrap), Software Engineering (Python, Javascript), Software Design (Python)