

Jorge Rivero III

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Experience

AT&T

Austin, TX

SENIOR SOFTWARE ENGINEER

November 2023 - May 2024

- Developed an AI-powered vulnerability patching tool with a **React, GraphQL, and Node.js** interface, reducing discovery-to-remediation time by 80% through **automated security workflows** and real-time AI recommendations.
- Enhanced a cloud-based authentication integration tool, reducing developer onboarding time by 30% and **automating security processes** to save 15 hours per project.
- Optimized a **Python (FastAPI) and TypeScript (React)** data privacy tool, improving transaction processing speed by 20% and reducing memory usage by 18%.

PROFESSIONAL SOFTWARE ENGINEER

August 2022 - November 2023

- Integrated legacy systems, **SQL databases, and snowflake systems** by developing **REST and SOAP APIs** in MuleSoft with custom data models, 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.

TECHNOLOGY DEVELOPMENT PROGRAM ENGINEER

January 2021 - August 2022

- Developed **AI-enhanced PowerBI dashboards** integrating **Azure cost data via PySpark**, saving \$50M annually through predictive analytics and **cloud infrastructure optimization**.
- Architected the design and development of a **Terraform-powered Azure Cloud DevOps pipeline**, enabling the automated deployment and configuration of **Docker** and **Kubernetes** clusters. 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 Golang**, reducing response time by 25% on **Google Cloud Functions**.
- Strengthened **Flutter-Firebase integration**, streamlining data flows for AI-enhanced mobile applications.
- Implemented automated testing and regression analysis for mobile applications, improving stability and user experience.

ListingSpark

Austin, TX

ASSOCIATE SOFTWARE ENGINEER

June 2018 - August 2018

- Developed an offer management platform using **Ruby on Rails and Node.JS** to streamline 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, JavaScript, TypeScript, CSS, Golang, MySQL, Terraform, Ruby, Dart

Cloud Computing/Frameworks Azure, GCP, Kubernetes, CI/CD, Docker, FastAPI, React, Node.JS, Django, Git, Jira

Data PostgreSQL, MongoDB, PySpark, Power BI, Snowflake, Apache Spark

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**)