

Samuel Torres

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TECHNICAL SKILLS

Languages: Python, Java, Kotlin, C/C++, SQL, JavaScript, HTML/CSS, TypeScript, Golang

Frameworks & Libraries: React, Node.js, Express.js, Next.js, Mockito, gRPC, REST API, Jest, GraphQL, SpringBoot

Developer Tools: Git, GitHub, Gradle, Postman, IntelliJ, VS Code, PyCharm, Eclipse, Jupyter Notebook, Docker, Vim, Jenkins

EXPERIENCE

Netflix

May 2023 – Present

Software Engineer

Los Gatos, CA

- Refactored GraphQL server into shared microservices used by 3 teams, reducing code duplication by 60%.
- Analyzed 2,500+ production pipelines to build deployment safety classifier, reducing failed deployments by 25%.
- Optimized API performance through caching improvements, achieving 40% faster response times.
- Built PagerDuty notification integration with message threading, reducing alert response time by 40%.

Software Engineer Intern

- Implemented cluster health dashboard providing real-time infrastructure visibility for 1,200+ engineers.
- Built schema validation framework preventing 15+ production incidents by catching configuration errors.

TAMU Sketch Recognition Lab

May 2022 – Aug. 2022

College Station, TX

Research Assistant

- **Technologies:** React, SQL, Google OAuth, tRPC
- Rewrote the backend API to enforce type safety and Single Sign On for **hundreds of students and teachers**.
- Crafted CRUD pages, offering seamless user setting modifications through interactive forms and modals.
- Played a pivotal role in team coordination by planning sprints and collaborative initiatives to drive project success.

KANM Student Radio

August 2021 – May 2024

Server Architect

College Station, TX

- **Technologies:** Ruby on Rails, Angular, Next.JS, Linux, IceCast, Node.JS, Docker, PHP
- Orchestrated continuous operation of a Linux server responsible for radio streaming and web hosting.
- Spearheaded the establishment of a web design committee to modernize the organization's online presence.
- Directed and mentored a team of **13 engineers** with varying experience levels by leading productive sprints.

Arena Energy

June 2021 – August 2021

IT Intern

The Woodlands, TX

- **Technologies:** .NET, SQL, C#, PowerBI, SSRS
- Developed a full-stack web application to enter and update personnel safety data for **30+ offshore structures**.
- Trained developers in Git source control for the collaborative development of internal applications.
- Created three stylized reports using SQL Server Report Services (SSRS) to easily format database queries.

EDUCATION

Texas A&M University

College Station, TX

Bachelor of Science in Computer Science, Minor in Business

May. 2024

- Completed Data Structures and Algorithms, Computer Organization, and Compiler Design
- Cumulative GPA 3.927

PROJECTS

Home Media Server | Docker, Linux

- Maintained a Linux Server with over 12 Docker containers to manage applications serving a storage array of 11TB.
- Implemented remote VPN access, video game servers, media streaming capability and Linux virtual machines.
- Repurposed old computer parts to use as inexpensive server hosting hardware to reduce e-waste.

Bitjockey | Next.JS, Docker, OAuth

- Led the technical and planning effort to develop a music library streaming service for amateur radio stations.
- Maintained iterative product development life cycle to improve the product for **over 100 concurrent users**.
- Streamlined the development experience through a unit test suite, build checks and containerizing deployment.