

Rubén Restrepo

Senior Software Engineer | Tech community builder



Experienced Remote-first Software developer with a product-focused mindset, obsessed with delivering value to customers. High proficiency in English, native Spanish speaker, strong communicator, hardworking team player. Community builder and international speaker at JavaScript conferences. Full-Stack Generalist with dynamic specializations, can easily jump between a Figma file and a bash script.



Stateful: Senior Software Engineer

Jan 2023 - Present Nodejs | TS | React | VS Code extension development | OSS | GraphQL | Fastify | AWS | GKE | PostgreSQL

Core team member of Runme (runme.dev), an OSS project for DevOps Workflows collaboration. I'm the lead maintainer and builder of the native cloud renderers for Runme Notebooks, think about embedded experiences for common used services from AWS, GCP, GitHub Actions, etc. I have a deep understanding of interacting with the Nodejs APIs from the main cloud providers. I also maintained and improved the GitHub Action for deploying the extension to the VS Code marketplace and OpenVSX, it involves downloading the Runme Go Binary that's shipped as part of the extension. I'm the "unofficial" Runme developer advocate, traveling to conferences like KubeCon Paris, or speaking at DevOpsDays. 🙏 See [my contributions](#) to the VS Code extension.



Fusebit: Senior Software Engineer

Jul 2021 - Nov 2022 Nodejs with TypeScript | Express.js | OAuth2.0 | AWS Lambda | React | PostgreSQL

Working at Fusebit means a new challenge each time we implement a new connector, from Slack bots to Salesforce Triggers. In response to customer requests, I implemented 20 different connectors, supporting cryptographic webhook validation and PFX certificate authentication. I'm obsessed with developer productivity; that's why I architected a fast and agile NodeJS repository, allowing teammates to develop and deploy new integrations involving thousands of lines of code in a matter of hours instead of days. I also delivered an innovative solution for customers requiring Salesforce webhook support by implementing a Nodejs service deploying Apex Code. This allows Fusebit to offer Salesforce triggers to our customers in a secure and novel way, a unique value proposition in the market. Similarly, Microsoft Dynamics 365 required a Windows-only tool to register new webhooks. I'm proud to have reverse-engineered this undocumented protocol to implement a JavaScript solution exposed through Fusebit's RESTful API. I Architected the solution for supporting npm packages IntelliSense in the Fusebit code editor (based on Monaco). I'm Very passionate about helping other developers to be successful, an example of that are my 27 Stack Overflow answers related to Nodejs and APIs (most of them marked as the answer) in less than two months. I also enjoy writing and reviewing technical blog posts. I have the responsibility to review all Nodejs and Deno related blog posts, including OAuth2.0.



Auth0 / Okta: Full Stack Engineer

Oct 2020 - Jul 2021 Nodejs | Express.js | OAuth2.0 | Kibana | Datadog | React | Material UI | Redis | MongoDB

I was a member of the Developer Experience team responsible for overseeing the customer-facing Auth0 Dashboard. This critical tool receives thousands of requests per second and is offered to customers to manage and configure Auth0's service. Focused on the maintenance, PR reviewing, and features added to the Dashboard backend. I developed a particular interest in SRE responsibilities by reviewing and creating Kibana dashboards to ensure everything was in place according to our metrics to guarantee Auth0 SLA, a key factor for business continuity and service reputation. Extensive experience attending production incidents and outages as incident commander, post-mortems writing, RCAs, and cross-team communication. Between some notable features, I implemented the dashboard tenant environment assignment, allowing customers to differentiate tenant environments (production, staging, and development). This feature affects customers' rate limits and release channels (e.g. development environments run under servers targeted for canary releases, usually considered "unstable"). A key feature I helped to implement was the profile multifactor authentication section. It supports multiple authenticators (Hardware and Software). As a result, Auth0 increased customer trust and security practices to access the Management dashboard. Designated liaison between the Auth0 Security team and the Auth0 Dashboard, responsible for writing security assessments and performing threat modeling and implementing mitigation attack techniques. I'm also very proud and honored to have the opportunity to speak at an international JavaScript conference, [Revojs](#), in Timisoara, Romania. Oct 2017 - Oct 2020 Nodejs | Express.js | Hapi.js | OAuth2.0 | Heroku | React | MongoDB | Salesforce API | Stripe API | PostgreSQL I started at Auth0 as part of the service management team (formerly the customer success infrastructure team) and my longest tenure was there before moving to the other team (developer experience team). This team is responsible for the Auth0 primary back office tool: Customer Success Tools, a core product supporting sales and support operations. It integrates with Salesforce, Stripe, and Auth0's DWH; this product triggers Auth0 notifications via Dashboard message or email, controlled by a queue. I was one of the maintainers of this feature. Another product the team owned was the [support center portal](#) (backend and front-end). I became the SRE expert on the team. Led the process to improve the service monitoring and alerting standards for the team-owned APIs. I configured Datadog monitors and metrics, as a result, the team organized a proper on-call program with actionable insights.

References

“Ruben is a strong and competent engineer at Fusebit, with a comprehensive command of English. He is a clear communicator, and has one of the best and most agreeable personalities I’ve ever had the pleasure of working with.

He was fundamental in building our integrations repository, creating modern tooling, designing and deploying test harnesses, laying down sophisticated architecture, and implementing a huge number of integration packages for our customers.

By consistently stepping up and forward with a strong customer-first mindset, he distinguished himself not just as a contributing engineer but also through supporting our customer-developers. Multiple customers reached out afterwards with high praise for his patience, professionalism, and diligence, as he supported them in their technical challenges.”

10/10. Would hire again.

Benn Bollay, former CTO at Fusebit

“Ruben has been a key player and had been a major factor in the success of Service Management projects at Auth0 for over 3 years. Other than contributing to most of our project and leading some of them, he helped the team to significantly increase our monitoring & alerting standards. He also brings a positive & optimistic attitude to the toughest situations, always focusing on finding a way forward. Ruben was our team SRE expert, Security Champion, and is the most helpful engineer I’ve ever worked with!”

Artur Klajnerok, Engineering Lead at Auth0

“Ruben is an incredibly strong and customer-focused software engineer, I worked with him closely at Fusebit and I was most impressed by his dedication to the craft. I directly collaborated with him on a number of key features that required interfacing with systems including Salesforce, Microsoft Dynamics and building out complex cryptographic webhooks infrastructure and integrations pipelines and he was never one to shy away from hard problems resulting in product experiences that directly contributed to customer retention”.

Shehzad Akbar, Technical Product Manager at Fusebit

Talks

Revojs / Timișoara, Romania

WebAuthn Rocks! Stop authenticating as if it were the 60s

Liberty.js / Philadelphia, United States

Let's build the LibertyJS VSCode extension together!

DevOpsDays Medellin

Writing End to end tests for a Kubernetes Cluster

Former managers

Rafał Leszczyński, Engineering Manager at Buffer

Andrés Galante, Senior Engineering Manager at Hiro

Soledad Pano, Staff Software Engineer at Okta

Notable projects

Hands-on experience with AWS, I architected the Futureverse ticketing system, it allows to purchase tickets via The Root Network, the ASTO token blockchain.

It's consumed by all the company games and several developer teams.

Infrastructure automated with Pulumi using TypeScript, a monorepo with pnpm workspaces, AWS Lambda, TypeScript, EventBridge, SNS, DynamoDB, API Gateway, Secrets storage.

I also implemented the authorization and authentication endpoints consumed by the games, and provided good security practices insights to the game devs.

I worked on this project while I was searching for a job when Fusebit shut down.