GAURAV RAJEEV

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I am an experienced full-stack engineer, with experience leading a startup through two pivots over the past two years. In that time, apart from my engineering duties, I have also actively worked across ideation, product design, market research, pitch positioning and fund raising, and hiring.

EXPERIENCE

Neutron   Aug 2021 - Present
Co-Founder and CTO   *Bangalore, India*

· Spearheaded go-to-market strategy, branding, and product operations. Led the team through a pivot from a digital escrow solution to an AR automation (invoice-to-cash) product.
· Managed production and staging deployments on Fly.io Machines using Docker.
· Developed an AR automation and cash-flow insights application using Remix for the frontend and Firebase for the backend.
· Built a reminders and scheduling engine in Go. Built Go interfaces for communication primitives.
· Built integration layers for Zoho Books (API integration) and Tally ERP.9/Tally Prime (XML integration).
· Designed and developed a desktop app in Rust (Tauri) for syncing Tally Data.
· Built API integration layers for WhatsApp and Gmail.
· Built a digital escrow application using Remix for the frontend and Firebase for the backend.
· Integrated with payment gateways to process escrow transactions.
· Designed and developed backend systems (analytics, centralized logging, and notifications) in Go and Node.js.
· Built in-app real-time chat for dispute resolution.

eQ Technologic   July 2019 - Aug 2021
Software Engineer   *Pune, India*

· Developed a universal adapter for the company's products to talk to JFrog's Artifactory product. In production use at BMW.
· Developed a modular filtering framework deployed as a DLL on Siemens's Teamcenter suite of products (see Siemens ITK)
· Worked on an adapter to generate optimized SQL execution plans, usng Apache Calcite, RxJava, and Apache Spark.
· Developed a plug-and-play remote adapter between eQ's products to talk to instances of their connectors on the cloud. Used by the US Navy's NAV-AIR systems.

PROJECTS AND INTERNSHIPS

Lets Meet - A Google Meet Link Personaliser   Feb 2023
https://letsmeet.at   *Bangalore, India*

· Built using SvelteKit on the frontend, Google oAuth APIs to work with the user's Google Calendar, and FaunaDB on the backend.
· Integrated with Canny to crowdsource feature requests.
· Distributed for free to our local communities and on social media (Twitter & LinkedIn)

OnTheProwl   Aug 2021 - Apr 2022
CTO   *Bangalore, India*

· Involved in building a compilation of maps and detailed guides for India's national parks, the first of its kind anywhere. I personally wrote many of these pieces.
· Developed a personal storefront for travel entrepreneurs selling boutique travel packages.
· Built a ticketing solution for India's national parks using a fleet of bots to automate the booking process and hacked a way around Captcha verification.

ACI Worldwide (ACI Universal Payments)   May 2018 - July 2018
Associate Software Engineer   *Pune, India*

· Built a centralized configuration deployment system for ACI's Universal Online Banker product.
· Designed and built a load-balancing and failover solution for the configuration deployment system.
· Built a multi-threaded cascading purge module for ACI's IBM DB2 deployments.

LiveWeaver India Pvt. Ltd. (a.k.a Zero Labs)   May 2017- July 2017
Research Intern   *Pune,India*

· Developed C++ modules to extract phoneme, accent, and other sound features from ESpeak-NG, a popular TTS (text-to-speech) Engine.
· Worked on TensorFlow GPU in Python to build a validation neural network to test against LiveWeaver's final product.
· Researched the potential use of OpenGL ES 2.0 on a low-end GPU to approximate neural-networks at low-cost.

TECHNICAL STRENGTHS

Languages	Java, JavaScript, TypeScript, Python, C, C++ (11/17), Go, Rust
Protocols	XML, REST, JSON, GraphQL
Databases	MySQL, PostgreSQL, Firestore, FaunaDB, MongoDB
Tools	SVN, Git, GitHub Actions, Docker, Fly.io
No(low)-Code	Bubble, Webflow, Framer
Cloud	AWS, Google Cloud