Rishi Chandy

Full-stack Engineer
Gainesville, Florida
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Product-minded engineer dedicated to solving challenges, building innovative experiences, and developing platforms. Experienced in remote teamwork and delivering reliable systems.

Education

B.S. Computer Science	California Institute of Technology	2007 – 2011

Technologies and Languages

Languages	Python, Go, JavaScript, HTML/CSS, PHP, SQL
Technologies	Django, React, AWS, gRPC, Terraform, Docker, Kubernetes/EKS, PostgreSQL, Redis
Other	RESTful API design, Serverless cloud infrastructure, Event-driven architecture

Work Experience

Senior Software Engineer   Sirona Medical (San Francisco, CA; Remote)   Jul 2023 – Current

- Led implementation of a RESTful API for dynamic LLM configuration using Python/Django on AWS Elastic Kubernetes Service, enabling real-time prompt and model adjustments for AI features used in radiologists' daily clinical reporting workflows. This allowed rapid iteration on AI capabilities while maintaining strict healthcare compliance requirements.
- Designed and implemented the restructuring of a patient data hierarchy in a PostgreSQL database using Python/Django, creating a multi-tenant architecture that unlocked an important enterprise customer segment while maintaining compatibility with existing API workflows.

Staff Software Engineer   GoodRx (Santa Monica, CA; Remote)   Nov 2021 – Apr 2023

- Supported successful launch of company-wide migration to Kafka, collaborating with cross-functional teams to design custom migration and integration solutions.

Full Stack Tech Lead   Petco (San Diego, CA; Remote)   Mar 2018 – Oct 2021

Full Stack Tech Lead (Dec, 2018 – Oct, 2021); Consultant (March, 2018 – Dec, 2018)

- Led a team of 3 engineers to develop and operate RESTful pet pharmacy platform APIs, including order processing and prescription verification. Built serverless microservices with multi-step workflows for two separate pharmacy integrations.
- Identified API retries as a bottleneck and designed and developed a queuing system for webhooks and third-party APIs handling several thousand API calls per hour.
- Evangelized serverless and microservice patterns across the company with presentations and architecture reviews.

Chief Technology Officer   TripVerse (San Francisco, CA; Remote)   Sep 2016 – Mar 2018

- Managed distributed team of frontend, Android, and iOS engineers: coaching, scrum, led code reviews.
- Migrated from Angular to React and orchestrated development environments using Vagrant.
- Built RESTful PHP/Laravel API, integrated with APIs including Stripe, email, and push notifications.
- Upgraded DevOps: Cut AWS bill by 20%, switched to Elastic Beanstalk, automated HTTPS support.

Chief Technology Officer   Tutor Matching Service YC S12 (Gainesville, FL)   Jul 2013 – Oct 2015

Chief Technology Officer (Jan, 2014 – Oct, 2015); Lead Software Engineer (Jul, 2013 – Dec, 2013)

- Designed and implemented robust marketplace infrastructure and RESTful API using Python/Django and PHP/Laravel.
- Integrated several APIs, including payments (Stripe), SMS (Twilio), email (Mandrill, SendGrid), realtime database (Firebase), calendars, and social login, with deployment on AWS.

Software Engineer Intern   Facebook (Menlo Park, CA)   2011 – 2012

Summers 2011 and 2012 on the Site Integrity Team

- Designed and implemented improvements to the Machine Learning pipeline used to develop models for detecting fake accounts and spam. Worked on detecting fraudulent Facebook Page Likes.