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Top Skills

System Architecture
Go (Programming Language)
Back-End Web Development

Sai Rahul

AI Enthusiast | Backend Developer | Indie Hacker
Bengaluru, Karnataka, India

Summary

Senior Backend Developer with 8+ years of experience building, designing and scaling products at early stage product based startups (seed to series- B) in Social, Entertainment, Fintech & SpaceTech industry using AWS, Golang

Experience

Made Card

Senior Back End Developer

December 2025 - Present (9 months)

- Automated cheque deposit processing (cut turnaround from 2 hours to 5 minutes), by building an end-to-end integration with the check delivery API and bank.
- Automated merchant invoicing and payments for 100+ merchants (saved 4+ hours/week), by building an automated ledger and reminder system from scratch.
- Built a Subscription Management Service from scratch, by detecting subscriptions via Plaid and issuing a dedicated virtual card per subscription.
- Eliminated password login for 2,000+ users, by implementing WebAuthn-based passkey and OTP authentication across mobile and web.
- Built a configurable User Referral System from scratch (drove ~100 referrals in a no-marketing B2B2C motion), by designing spend-based bonus thresholds.
- Built an in-app Inbox Messages module, by enabling both static and admin-triggered dynamic notifications targetable to any user segment.
- Improved fraud detection, by streaming every user activity event to Slack for real-time monitoring.
- Took full ownership of the Snowflake data platform, by independently managing all new integrations, schema changes, and data additions.

Tech: Claude, Cursor, Codex

Pixxel

Senior Back End Developer

April 2023 - December 2025 (2 years 9 months)

Bengaluru

- Built the satellite image ordering service (core revenue generator), by architecting an end-to-end platform (e-commerce-style), collaborating across 5 teams and 5+ services to deliver it.
- Strengthened platform security, as measured by IAM integration across all backend services, by implementing open-source IAM tooling (Frontier) platform-wide.
- Increased code reliability to 90% test coverage across all Golang services, by writing comprehensive unit and integration tests.
- Improved codebase maintainability and scalability, by migrating all Golang services to Domain-Driven Design (DDD) architecture.

Tech: Golang, PostgreSQL, Frontier (IAM)

Wakao

Back End Developer

September 2021 - November 2022 (1 year 3 months)

Bengaluru

- Launched the video platform as the first employee, by designing and building the entire backend infrastructure from scratch.
- Enabled scalable video processing, by building a conversion pipeline using AWS MediaConvert, EventBridge, and Lambda.
- Improved API response times significantly, by implementing caching layers with Redis (ElastiCache) and DynamoDB.
- Drove user engagement through social features (likes, follows, votes, reports), by designing event-driven processing with SQS.
- Delivered near-realtime leaderboard functionality, by building a ranking system optimized for high-throughput reads.

Tech: Golang, Django, AWS (MediaConvert, DynamoDB, ElastiCache, EventBridge, Lambda, SQS, CloudFront, ECR, RDS)

Wysh

Back End Developer

January 2019 - August 2021 (2 years 8 months)

Hyderabad

- Built the entire product backend from scratch (REST APIs, database, cloud infra), enabling the company to launch and scale.

- Increased sales of celebrity brand promotions, by integrating Zoko WhatsApp as a direct customer engagement channel.
- Enabled multi-gateway payment processing (Razorpay, PayTM, Stripe, PayPal), by building a unified payment service layer.
- Increased per-order revenue, by designing and implementing a dynamic pricing engine.
- Scaled promotional outreach to bulk audiences, by building an email tool on AWS SES and integrating Twilio/MSG91 for OTP and messaging.

Tech: Golang, SQL, Nginx, AWS (Beanstalk, EC2, Aurora, Lambda, S3, SQS, SNS, SES, MediaConvert, CDN)

Gifskey

Back End Developer

July 2018 - August 2021 (3 years 2 months)

Greater Hyderabad Area

- Increased server throughput by 5x (500 to 2,500 req/sec on same resources), by migrating the backend from PHP to Golang and optimizing database and Nginx configuration.
- Reduced multi-word search latency by 80% (1,000ms to 200ms), by rewriting SQL queries and redesigning the database schema.
- Further reduced latency to 50ms for top queries, by introducing a caching layer for most frequently searched terms.

Tech: Golang, SQL, Nginx, AWS (Beanstalk, EC2, Aurora, Lambda, CDN)

BlueJeans Network

Student Intern

July 2017 - December 2017 (6 months)

Bengaluru

- Improved build performance and debugging workflow for Primetime, by migrating the product to a micro-UI architecture using Angular.

Tech: Angular, JavaScript

Education

Birla Institute of Technology and Science, Pilani

Bachelor of Engineering - BE, Computer Science · (2013 - 2018)