

Shailendra Gupta

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Senior Software Engineer (Backend) @ [Razorpay](#) 🚀

📍 Bengaluru, Karnataka

📅 Nov, 2021 — Current

- Founding engineer for Recon SAAS. Built from scratch with multi-tenancy support.
- Developed features for internal reconciliation tool, processing millions of transactions daily [payments, refunds, chargebacks, payouts, settlements].
- Optimized data fetching to reduce run time from over 2 hours to under a few minutes, reducing costs by 90%.
- Developed the Reconciliation and Settlement module from scratch for the ONDC (Govt. of India initiative).
- Built a fraud detection system to prevent losses and abuse in commission payouts, identifying losses up to INR 3.5 million monthly.
- Scaled the commissions module to handle upto 300 TPS for commissions creation and upto 900 TPS for commissions pricing calculations.
- Automated commissions generation for payments products like PaymentLinks, QR, SmartCollect, E-Mandate, and CAW.
- Implemented automated disbursals of commission invoices, leading to an increased NPS score for the partnership module.
- Established monitoring and alerting for async workers to enable early detection of organization-wide outages before customer impact.
- Successfully executed zero-downtime migrations for critical operations, such as user role migration, ensuring seamless transitions.

Software Engineer (Full Stack) @ [Vimeo](#) 🐦

📍 Bengaluru, Karnataka

📅 March, 2021 — Nov, 2021

- Built a tagging pipeline to dynamically add EXIF metadata to MP4 files before download.
- Integrated Vimeo-Creato with partners like Constant Contacts and Facebook.
- Enhanced code generation scripts for internal routing files.
- Fixed issues in Vimeo-Creato SDK integration including overlays and post-message communication.

Software Engineer (Full Stack) @ [Peak.ai](#) 🏠

📍 Jaipur, Rajasthan

📅 Aug, 2018 — Jan, 2021

- Developed internal workflow orchestration tool, built over argo workflows.
- Developed data connectors for ETL pipelines to fetch data from sources like FTP and SFTP.
- Contributed to authentication, authorization, and RBAC (role-based access control) flows across all services.
- Developed a TCP proxy for AWS Lambda and PostgreSQL communication. (Inhouse RDS proxy alternative)
- Improved frontend delivery through code splitting and implementing effective caching strategies and object expiration.
- Developed serverless microservices leveraging AWS services like Lambda, DynamoDB, S3, IAM, and SQS.
- Created a custom UI component library to extract presentational logic from the core business application.
- Built data pipelines to automatically ingest data from sources like mintuk.bvdinfo.com and BigQuery.

Certifications

AWS Developer Associate

12/08/2019 (PWYQS9G1MFE11RSL)

Technical Skills

NodeJS || Golang || PHP || Python ||
DynamoDB || S3 || SQS || IAM ||
AWS Lambda || Kubernetes ||
PySpark || MySQL || React

OSS Contributions

- [VQS](#) SQS Compatible High performance Queue Server (in dev).
- [Contribution](#) to react
- [Flashr](#) notifications queue for redux.

Internship

Peak.ai [05/2018 — 06/2018]

Education

B. Tech (2015 - Dropped in final year)
Global Institute of Technology (RTU)

Senior Secondary (2012 - 2014)
Rawat Public School (CBSE)

Secondary (2010 - 2012)
Rawat Public School (CBSE)

Honors and Awards

- Razorpay Spot Award (Autonomy and Ownership)
- Peak Value Award (2 times)
- Deloitte Innovation Award, SIH 2017

Social Links

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