

# Shailendra Gupta

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## Senior Software Engineer (Backend) @ Razorpay

Bengaluru, Karnataka

Nov, 2021 — Current

- Developed multiple features for internal "Auto Recon Tool", handling reconciliation of millions of txns for payments, refunds, chargebacks and settlements everyday.
- Also, developed features responsible for anomaly detection like money leaks, and fraudulent txns in ART.
- Reduced internal data fetching scripts time from greater than 2 hours to under few minutes. With this fetching jobs now work with 10% of initial cost.
- Reduces data ingestion time in spark pipeline by 10-20% by changing few ingestion strategies.
- Developed Reconciliation and Settlement Service module from scratch for ONDC (Open Network for Digital Commerce) initiative.
- Implemented fraud detection mechanism on commission payouts to prevent loss/abuse. This helped identify monthly payouts up to 3.5 million. (Net revenue loss)
- Setup alert and monitoring framework for workers which later helped in detecting org-wide outages before creating impact on payments.
- Developed & Managed commission module for various payment products at scale of 300 TPS for commissions create and at 900 TPS for its pricing.
- Executed successful migrations of critical operations without interruption of services, (user roles migration)
- Managed P2 incident (customer experience breakage) from triage to RCA.

## Software Engineer (Full Stack) @ Vimeo

Bengaluru, Karnataka

March, 2021 — Nov, 2021

- Developed tagging pipeline (pre-download) to dynamically add EXIF metadata to MP4 files.
- Integrated Vimeo-Creato with partners such as ConstantContacts and Facebook.
- Enhanced code generation scripts for internal routing files.
- Fixed several issues in Vimeo-Creato integration SDK, including overlays and post-message communication.

## Software Engineer (Full Stack) @ Peak.ai

Jaipur, Rajasthan

Aug, 2018 — Jan, 2021

- Improved frontend delivery through code-splitting and implementing an effective caching strategy (edge caching and object expiration).
- Responsible for complete authentication and authorization flow, across all services including user management and RBAC (IAM).
- Developed a TCP proxy for AWS Lambda use cases and PostgreSQL communication. (Inhouse RDS proxy)
- Developed connectors (plugin for internal pipelines) for data fetching through FTP/SFTP.
- Developed micro-services with AWS services like AWS Lambda, DynamoDB, S3, IAM, and SQS.
- Developed a custom component library to move presentational logic out of the business application.
- Pipeline for automated data fetching from mintuk.bvdinfo.com and Big Query.

## OSS Contributions

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

## Technical Skills

Experienced :

React | Redux | NodeJS | PHP |  
Golang | ExpressJS | Javascript |  
AWS S3 | AWS DynamoDB |  
AWS Lambda | API Gateway

Hands-On :

CloudFormation (IAC) | AWS SNS |  
Microservice Infra | AWS SQS |  
Serverless Computing

## Certifications

AWS Developer Associate

12/08/2019 (PWYQS9G1MFE11RSL)

## 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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