



# Shailendra Gupta

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## Senior Software Engineer (Backend) | Razorpay


 Bengaluru, Karnataka

 Nov, 2021 — Current

- Contributed to internal reconciliation system, which is responsible anomaly detection prevent money leaks and moeny verification.
- Implemented fraud detection mechanism on commission payouts to prevent loss/abuse. We identified incorrect monthly payouts upto 35L. (Immediate loss from NR)
- Setup alert and monitoring system for our module which later detected org wide outage in workers. (Outgae leading delays in balance updates, payouts, refund processings and many more capabilities.)
- Developed solutions for partnership modules, including commission calculation and tracking.
- Implemented various payment products, including QR codes, Smart Collect, subscriptions, and payment links, to generate commissions.
- Executed successful migrations of critical operations without interruption of service, such as user roles migration.
- Managed P2 incident from start to finish, including triage and incident report generation.

## Software Engineer (Full Stack) | Vimeo


 Bengaluru, Karnataka

 March, 2021 — Nov, 2021

- Created a video tagging pipeline (pre-download service) to dynamically add exif metadata to MP4 files.
- Integrated Vimeo-Creat (In browser video creation and editing experience) with partners such as ConstantContacts and Facebook.
- Enhanced code generation scripts for internal routing files.
- Fixed several issues in Vimeo-Creat integration SDK, including overlays and post-message communication.
- Developed authentication, app capabilities, and session handling for cookies, including support for JWT interoperability in cases where 3rd party cookies are blocked.

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


 Jaipur, Rajasthan

 Aug, 2018 — Jan, 2021

- Developed a TCP proxy for AWS Lambda use cases and PostgreSQL communication. (Later replaced with RDS proxy)
- Developed connectors (plugin for internal pipelines) for data fetching through FTP/SFTP.
- Improved frontend delivery through code-splitting and implementing a effective caching strategy (edge caching and object expiration).
- Developed a custom component library to move presentational components out of the business application.
- Owned of crucial services such as user management, notification, workflows, authentication and RBAC services.
- Hands on experience with AWS services like AWS Lambda, DynamoDB, API Gateway, S3, Cloudfront, EC2, IAM, and SQS.

## Software Engineer Intern | Peak.ai

 Jaipur, Rajasthan

 May, 2018 — Jun, 2018

## 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)

## 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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