Aman Preet Singh

Senior Software Developer

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SUMMARY

Senior Software Developer with 8+ years building scalable backend systems for logistics, automotive, and e-commerce platforms. Specializes in Python, Django, and Flask microservices on AWS serverless infrastructure (Lambda, EKS, DynamoDB, Kafka/MSK), with hands-on experience in event-driven architecture, REST API design, and production observability (OpenTelemetry, Grafana).

SKILLS

Languages	Python, JavaScript, HTML, CSS
Frameworks & APIs	Django, Flask, REST API Development, GraphQL, Jinja2 Templating
Cloud & Infrastructure	AWS Lambda, EC2, S3, EKS, SQS, MSK, Serverless
Data & Messaging	DynamoDB, MySQL, PostgreSQL, Redis, Elasticsearch, Kafka, Celery
Architecture & Ops	Microservice Architecture, Event-Driven Systems, OpenTelemetry, Grafana

EXPERIENCE

Delhivery — Gurgaon — Oct 2021 – Present

Senior Developer

- Led backend development of Orion (Full Truck Load), Delhivery's freight-bidding platform, on Flask + AWS Lambda + EKS + MSK, connecting shippers with transporters
- Built and maintain FMS (Fleet Management System) on Django + Flask + EKS + MSK + PostgreSQL, powering fleet allocation for Delhivery's internal products
- Implemented event-driven microservices using Kafka/MSK, SQS, SNS, DynamoDB, and Elasticsearch for high-throughput logistics data
- Built OpenTelemetry + Grafana observability (logs, metrics, traces) and a Slack-triggered event reprocessing tool with API Gateway rate limiting and DynamoDB audit logging

Drive Homes + Spinny — Gurgaon — Aug 2020 – Oct 2021

Python Developer

- Built Spinny Supply CRM to manage vehicle supply operations on Django + Celery + GraphQL, with Sentry and OpenTracing for reliability and Pusher for real-time updates
- Built the Spinny Inspection App backend (Django REST APIs) used by field inspectors to log checkpoints, upload documents/photos, and generate vehicle condition reports
- Contributed backend development for Spinny's consumer site (spinny.com), handling vehicle listings and transactions on Django + MySQL + EC2/S3

Vinove — Feb 2020 – Aug 2020

Python Developer

- Built backend solutions and REST APIs across multiple client projects using Python and Django
- Integrated third-party services for client-specific requirements, collaborating cross-functionally with client teams

Code Brew Labs — Chandigarh — May 2019 – Jan 2020

Python Developer

- Built Electricsoul, an events and festival e-ticketing platform, full-stack on Django + JavaScript + PostgreSQL + EC2/S3
- Built VIP Number Shop, an e-commerce platform for premium phone numbers, full-stack on Django + JavaScript + MySQL + EC2

Cloud Analogy — Noida — Jan 2018 – May 2019

Python Developer

- Built Gradingly, an essay-writing improvement platform for exam preparation, full-stack on Django + JavaScript + MySQL + EC2 — first professional project

EDUCATION

Krishna Institute of Engineering & Technology, Ghaziabad
Master of Computer Applications (MCA)
Aug 2015 – May 2018

Invertis University, Bareilly
Bachelor of Computer Applications (BCA)
Aug 2012 – May 2015

CERTIFICATIONS

Python (Basic)
HackerRank
Issued Jun 2021

Certified Python – Basic
CutShort
Issued Jun 2021