Shrey Shah

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EXPERIENCE

DoorDash — Software Engineer (Backend) *Sep 2025 – Present*

Go · Kotlin · Python · gRPC · LLMs · CassandraDB · Kafka · Redis · Cadence · PySpark · Databricks · Prometheus

- Owned development and architecture for tier-0 geo platforms (addresses, navigation, polygons, business configs), owning gRPC APIs serving 1M+ peak QPS with <10ms latencies across DoorDash, Deliveroo, and Wolt.
- Engineered timing optimizations for Dashers, validated through A/B testing, delivering $3M+ in annual revenue.
- Drove critical architectural initiatives for Kotlin + SQL to a Go + Cassandra based system for 2.5B+ encrypted consumer and store address rows and services across 3 brands while maintaining privacy compliance for PII.
- Designed sync, validation, shadow, and metrics-driven verification systems to keep new and legacy address stores consistent for 8M+ orders/day and 25M+ address changes/day.
- Built internal AI tooling to track migration tasks, monitor pipelines, quarantine unstable infrastructure, and route MCPs with automated context engineering, saving 5+ hrs of engineers' time per week.

Antenna.dev (prev. Software.com) — Founding Engineer *May 2021 – Sep 2025*

Senior SWE (Feb '24 – Sep '25) · SWE (Feb '22 – Feb '24) · Junior SWE (May '21 – Feb '22)

Ruby on Rails · PostgreSQL · Python · JavaScript · Tailwind · Looker · Snowflake · Redis · LLMs

- Joined as engineer #4 at seed stage and helped pivot the company from B2C to a B2B SaaS product from $0 to 900k+ users and 15+ enterprise customers.
- Established backend design patterns and core infrastructure across API architecture, data ingestion pipelines processing 1M+ data points/sec, and customer-facing dashboards.
- Rebuilt billing and subscription infrastructure powering the company's first enterprise and self-serve revenue.
- Architected a DAG-based hierarchical data framework across PostgreSQL, ActiveRecord, and Snowflake, enabling zero-downtime rollouts across 100M+ rows and unlocking our first six-figure contract.
- Increased API throughput by 5x and reduced 70% of API calls by resolving scaling bottlenecks across background jobs, DB queries, and third-party APIs using idempotency, load balancing, and request optimization strategies.
- Built customer-facing analytics experiences and experimentation infrastructure that enabled on-demand cohort analysis and reduced product decision cycles by 90%+.
- Developed a RAG pipeline for LLMs to help executives in interpreting metrics and strategy tradeoffs faster.

8VC — Fellow *May 2020 – Aug 2020*

- Selected as 1 of 25 fellows nationwide to work with and learn from founders and executives from Palantir, LinkedIn, NerdWallet, Nylas, and others about how to build and scale successful startups.

Previously: Google Student Innovator, Google DSC Lead, Intern at Software.com and DFW Consulting

SKILLS

Languages: Go, Ruby, Python, JavaScript, TypeScript, Kotlin, C++, C#, HTML/CSS, React, Node.js, Next.js

Systems & AI: Snowflake, PostgreSQL, LLMs, Kafka, Cadence, CassandraDB, PySpark, Databricks, gRPC, Prometheus

EDUCATION

Texas A&M University *GPA: 4.0 | May 2021*

Bachelor of Science in Computer Engineering with Minors in Mathematics and Cybersecurity

Engineering Honors | Undergraduate Research Scholar | Dean’s Honor Roll Recipient | Winner in Hackathons

Research: Built an AI-based object recognition model for self-driving cars using radar + camera (tinyurl.com/ss-res)