

Suraj Sharma

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Primary Skills

Python, FastAPI, Django, PostgreSQL, SQL, Data Modeling, System Design, GCP, AWS, Pub/Sub, Cloud Functions

Secondary Skills

Apache Airflow, Numpy, Pandas, JavaScript, React.js, Node.js, BigQuery, Docker, Apache Kafka, Celery

Experience

Turing

LLM Code Evaluator – Python and JavaScript

Oct 2024 - Mar 2025

- Validated and debugged 600+ code snippets generated by LLMs, directly contributing to a 25% improvement in feedback quality.
- Identified and fixed logic flaws and test inconsistencies, reducing false negatives by 20% during model validation.
- Wrote prompts and ideal code responses to support model fine-tuning and improve algorithmic understanding.

Impact Analytics

Lead Software Engineer

Dec 2021 - Oct 2023

- Designed and launched a scalable pricing engine to automate product price conversions across 12+ countries, factoring foreign exchange (FX) rates, tax structures, and local costs.
- Engineered an event-driven architecture with GCP Pub/Sub, Cloud Functions, and PostgreSQL to offload pricing-related logs and calculations from the main application, improving system scalability under load.
- Achieved sub-2s latency for bulk pricing updates across multiple SKUs and regions via parallel event queues.
- Mentored a team of 5+ engineers, implemented CI/CD practices, and cut deployment rollback incidents by 40%.
- Delivered complex backend services through cross-functional collaboration, contributing to a 5% revenue increase and 90% reduction in pricing errors.

Impact Analytics

Senior Software Engineer

Nov 2019 - Nov 2021

- Spearheaded development of an automated markdown pricing engine using Django and PostgreSQL, increasing retail sales by 12% through strategic discounting.
- Built an image tagging system with Flask and React, enhancing catalog accuracy and search relevance by 35%.
- Refactored real-time markdown updates using FastAPI, server-sent events (SSE), and Google Cloud Pub/Sub, reducing latency from 5 minutes to under 2 seconds.
- Created materialized views and high-performance SQL analytics on 10 million inventory and transaction records, improving REST API and query speed, and reducing dashboard latency by 70%.
- Automated data pipelines using Jenkins across BigQuery, Google Sheets, and PostgreSQL to ensure timely insights and data consistency.

Tailorman

Full Stack Engineer

Mar 2019 - Jul 2019

- Developed and maintained backend services using Express.js and PostgreSQL for order and user management, supporting 5K+ monthly transactions.
- Optimized image delivery using AWS S3 and Lambda, reducing average page load time by 35%.
- Enhanced frontend user experience with React + Redux features, decreasing customer-reported issues by 20%.

Kubric (now Mason)

Member of Technical Staff

May 2018 - Dec 2018

- Created reusable UI components and REST APIs that shortened development cycles and improved performance.
- Built a custom code editor using Ace, React, and Canvas, enhancing developer tooling and system responsiveness.

Projects

- ETL Pipeline for SaaS Logs May 2025
- Tech Stack: Apache Airflow, Docker, PostgreSQL, GitHub Actions, Slack Integration
 - Developed a modular ETL pipeline to simulate and process SaaS logs using Apache Airflow.
 - Dockerized the setup with Compose and stored processed data in PostgreSQL for durability.
 - Implemented CI with GitHub Actions and real-time Slack alerting for DAG/task failures.
 - [GitHub Repository Link](#)
- Much Story - Scalable Storytelling Platform July 2019 - Oct 2019
- Tech Stack: MongoDB, Express.js, React.js, Node.js, Slate.js
 - Led MERN stack development of a collaborative writing tool with server-side rendering, access control, and token-based authentication.
 - Integrated Slate.js for rich-text editing with autosave, story versioning, and performance tuning.
 - [GitHub Repository Link](#)
- Pensheel – Collaborative CMS Sept 2017 - March 2018
- Developed a full-stack CMS using MERN stack with Markdown editing and session-based JWT authentication.
 - Optimized MongoDB with indexes and coded draft collaboration features with planned WebSocket integration.
 - [GitHub Repository Link](#)

Education

Bangalore Institute of Technology Bengaluru, India
Bachelor of Engineering (B.E), Computer Science and Engineering *Aug 2013 - July 2017*

Recognition

Employee of the Quarter – Impact Analytics (May 2022)