

SUMIT KUMAR

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SUMMARY

Software engineer with experience across full-stack development, API design, distributed data integrations, and cloud-native architecture. Skilled in the modern JavaScript/TypeScript ecosystem (Node.js, React, Next.js, GraphQL) and Python, building scalable backend services, RESTful and JSON/XML APIs, and ETL pipelines on Google Cloud Platform (Cloud Functions, BigQuery, Firebase, Cloud Run). Deep experience with enterprise PIM (Salsify) and digital commerce integrations, connecting APIs, ERPs, and CMS platforms across large-scale, multi-market environments. Brings a security-conscious approach to system design (OAuth/OIDC), reinforced by a Security and Risk Analysis minor, along with a track record of translating business requirements into scalable technical solutions and mentoring engineers in Agile teams.

EDUCATION

The Pennsylvania State University

College of Engineering, Bachelor of Science in Computer Science
Minor in Security and Risk Analysis

University Park, PA

Aug 2017 - May 2021

WORK EXPERIENCE

Stanley Black & Decker (Contract via Kforce), Remote

Oct 2025 - Present

Senior Software Developer

- Own end-to-end architecture and configuration of the Salsify PIM platform (data models, workflows, channel mappings), serving as the technical backbone for digital commerce operations across 20+ brand sites and 80+ global markets.
- Architect and build ETL pipelines to transform and validate 300K+ product records for system-to-system data transfer, enforcing data integrity and validation rules across ERP, PIM, and downstream CMS/database targets.
- Design and implement secure JSON/XML API integrations connecting Salsify with internal systems (ERPs, company-owned databases, brand website CMS platforms) to power product content delivery at scale.
- Built and deployed a SmartCat-Salsify integration enabling in-platform content translation and review/approval workflows, streamlining localization across international markets.
- Partner with the platform team on configuration deployments and data validation across Salsify DEV and PROD environments, applying Agile practices to ensure reliable, high-quality releases.

Gournay Consulting, New Hope, PA

Aug 2021 - Oct 2025

Systems Engineer II (Promoted from Systems Engineer I in Sept 2023)

- Engineered scalable data ingestion pipelines and backend connectors for ingesting high-volume product and asset metadata into platforms like Salsify, improving sync speed and reliability for enterprise clients.
- Built cloud-native systems on Google Cloud Platform (GCP), leveraging Cloud Functions, BigQuery, and Firebase to automate e-commerce workflows, generate insights, and manage infrastructure with minimal manual intervention.
- Developed custom tooling and validators to monitor and transform incoming data for packaging OCR systems, driving data accuracy and significantly reducing manual review time.
- Automated reporting and dashboard generation pipelines, integrating with Monday.com and Salsify to surface real-time operational metrics and reduce manual data work.
- Led end-to-end architecture and implementation of Mobile Hero Image system, cutting production time from hours to under 20 minutes.
- Implemented secure token-based authentication (OAuth, OIDC) across all integrations, ensuring compliance and data protection.
- Mentored junior engineers and collaborated across product, data, and client teams to design solutions, troubleshoot edge cases, and deploy performant services at scale.
- Serve as team manager since Sept 2023, alongside core engineering duties.

PROJECTS

- [Padhopedia](#) – Full-stack platform (Next.js, Node.js, Supabase Postgres, Backblaze B2) where teachers publish and moderate study material and timed exams. Designed 38 Postgres row-level security policies for access control, a server-side exam timer that resumes across sessions, and scheduled jobs to auto-submit timed-out exams and purge expired content. Live with 5+ teachers and 30+ students.
- [Flip 7 Online](#) – Real-time multiplayer card game (Next.js, Node.js, Upstash Redis) on Vercel serverless functions. Chose short-interval polling over WebSockets/SSE since serverless functions can't hold long-lived connections, using Redis as shared room state guarded by a distributed lock to prevent race conditions between simultaneous player actions.

SKILLS

Programming & Scripting: JavaScript, TypeScript, Python, SQL, C, VBA, Java (academic), HTML, CSS

Full-Stack & Frameworks: Node.js, React, Next.js, Express, Flask

API, Cloud & Databases: REST APIs, GraphQL, JSON/XML API Design, PostgreSQL (Supabase, Row-Level Security), Redis (Upstash), OAuth/OIDC & Secure API Design, Google Cloud Platform (Cloud Run, Cloud Functions, BigQuery, Firebase), Vercel, Digital Ocean, Heroku

Digital Commerce & PIM: Salsify (PIM Administration, Data Modeling & Workflow Configuration), SmartCat, Bynder, Akeneo, Shopify, ERP & CMS Integrations

Data Pipelines & Automation: ETL Pipeline Design, Data Validation & Integrity, BigQuery, Cloud Scheduler, Firestore, CloudConvert, Deployment Automation

Tools & Practices: Git, VS Code, Postman, Ngrok, Slack, MS Teams, Monday.com, MS Office, Agile/Scrum, Technical Mentorship