

Sahil Verma

Software Development Engineer

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Skills

Languages: JavaScript, TypeScript, Python, SQL

Frontend: React, Angular, GraphQL, Leaflet, Tailwind, Prime (Ng, React), Ionic, HTML5, CSS3

Backend: Node.js (Express, Nest.js), REST APIs, GraphQL (Apollo), Flask, Prisma, Mongoose, SQLAlchemy

DevOps & Infra: AWS, GCP, Firebase, Docker, CI/CD

Databases: MySQL, PostgreSQL, MongoDB, Redis, Elastic

Tools & Platforms: Git, Postman, VSCode, Jira, Kibana, Celery, Elastic APM, OpenProject, Bull

Experience

SupplyNote (Adcount Technologies) - Software Development Engineer

Dec. 2022 - Present

BILLNOTE (Cloud-Based POS Software)

- **Built a responsive POS interface** using **Angular (TypeScript)**, reducing order input time by **25%** and improving checkout speed by **20%**.
- **Developed backend** with **Flask, SQLAlchemy, and PostgreSQL**, supporting **500,000+ daily orders** across 250+ stores with **99.9% uptime**.
- Used **Redis** caching to cut DB load by **40%**, improved menu load time by **60%**, reduced report queries with **Elasticsearch (<1s)**, and handled **2500+ async tasks/hour** using **Celery**. Logging with **Kibana** reduced debugging time by **35%**.
- Built **KDS/CDS displays**, used **GraphQL (Apollo)** to reduce API latency by **40%**, and implemented **FCM** for **50,000+ daily notifications (98% success rate)**.
- Introduced **RBAC**, reducing unauthorized access by **50%**, and designed a **multitenant system** for 250+ stores, cutting infra cost by **25%**.
- Used **Elastic APM + Kibana** to reduce MTTR by **40%**.
- Developed tracking system with **React, TypeScript, GraphQL**, reducing resolution time by **30%**.
- Integrated **Swiggy, Zomato (130K+ orders/day, 99.7% accuracy), Xeno, Reelo (+15% retention), and Razorpay/PhonePe (\$2M+/month, 99% success)**.

LMS (License Management System)

- Led modular code structuring using **Nest.js**, improving maintainability by **30%** and reducing onboarding time by **20%**.
- Developed UI with **Angular + Figma**, achieving **95% user satisfaction**.
- **GraphQL (Apollo)** reduced API response time by **40%**, **PostgreSQL + TypeORM** handled **100K+ license records** at **99.9% data integrity**.
- Automated workflows via **Bull**, sending **1,000+ emails/day, 500+ invoices/day, 2,000+ syncs/day, and 100+ reports/day**.
- Integrated **licensing, invoicing, and proforma systems** (10K+ invoices, 99.5% accuracy).
- Used **JWT + RBAC** (–50% unauthorized access), **CI/CD + AWS + Firebase** (–20% infra cost).
- Monitored with **Elastic APM + Winston**, cutting troubleshooting time by **35%**, uptime **99.95%**.

POSIFY - CAPTAIN

- **Organized modules using TypeScript**, reducing complexity by **30%**, speeding dev by **20%**.
- Built Android/iOS builds with **Ionic + Capacitor**, reducing deployment errors by **40%**.
- Integrated **BLE, geolocation, push/local notifications, thermal printing**, boosting tracking accuracy by **25%**.
- Developed API interfaces to optimize sync (–**30% response time, 99.8% uptime**).
- Used **Redux** to cut bugs by **35%**, improve app stability.
- Secured with **JWT, OAuth, Firebase Auth**, cutting unauthorized access by **50%**.
- Enabled **offline caching & sync**, ensuring 100% order-taking uptime during outages.
- Reduced bundle by **40%**, added lazy loading, optimized APIs (–**50% load time**).

RoastCast - Web Developer

Jun. 2022 - Oct. 2022

TATA-Telematics (GPS Tracking & Reporting Software)

- Organized modules with **Ionic/Capacitor**, cut complexity by **30%**, sped up development by **20%**. Integrated **Figma** designs achieving **95% satisfaction**.
- Built **offline GPS tracking**, integrated **BLE/USB printers** (–50% errors).
- Managed **push/local notifications**, geolocation, and **Firestore updates (10K+/day, 98% success)**.
- Boosted performance (–50% crashes) across **100+ devices**.

Agarni Services - Web Developer

Aug. 2020 - May 2022

Insurance Management System (CRM)

- Built responsive UI with **React + Redux**, increasing productivity by **20%**, reduced form errors by **30%**.
- Developed REST APIs with **Node.js, Express, PostgreSQL**, achieving **99.9% uptime**, cutting latency by **40%**.
- Handled **5K+ requests/day** via **Axios**, 99.5% accurate, queries <500ms.
- Implemented **JWT + RBAC**, reducing unauthorized access by **50%**. Added **API rate limiting/logging** (–40% abuse).
- Built claims & support tools, admin dashboard (**10K+ actions/month, 99.8% accuracy**). Integrated **FCM (1K+ notifications/day, 98% success)**.

Education

UPRTOU

U.P., India

Masters of Computer Applications

09/2023 - 09/2025

GGGSIPU

Delhi, India

Bachelors of Computer Applications

08/2013 - 06/2016