

# Saurav Chauhan

Delhi NCR, India • **B.Tech, Class of 2026** • +91-9811803535 • 2401sauravchauhan@gmail.com  
GitHub: github.com/SauravChauhan666 • LeetCode: leetcode.com/u/2401sauravchauhan

## PROFESSIONAL SUMMARY

Full-stack software developer shipping features to a live multi-tenant eCommerce SaaS platform used by merchants worldwide. Works across a **NestJS / TypeORM / PostgreSQL** backend and a **Vue.js / Nuxt.js** dashboard, owning features end to end: schema and migrations, REST APIs, third-party **Shopify API** integration and authentication flows, and the merchant-facing UI on top. Comfortable taking an underspecified problem, investigating it across services, and delivering the fix with the migration path and documentation the team needs to run it.

## EXPERIENCE

### BitQit Pvt Ltd

May 2026 – Present

Associate Software Developer | Sparq — Shopify search & merchandising platform

Delhi, India

- Delivered the **collection filters** feature end to end across two services: a first-class Filter resource in the **NestJS / TypeORM / PostgreSQL** API (per-collection filter entities, colour-group palettes, layout settings, facet sync and a diagnostic facets endpoint, plus the schema migrations and unique constraints behind them), and the **Nuxt** dashboard UI merchants configure it from, with a live storefront preview and theme config export.
- Implemented support for Shopify's move to **expiring offline access tokens** across the merchant portal and the Shopify backend — schema columns and migration, token service and refresh handling — and replaced a migration cron with an **operator-driven admin endpoint** after code review.
- Built the merchant **analytics dashboard** — searches, zero-result queries, click-through and conversion — from the Nuxt UI through to wiring it against the analytics APIs, and extended the reporting window from 7 to **90 days**.
- Fixed a **cross-store IDOR vulnerability** that allowed a request scoped to one merchant store to reach another store's data on a shared multi-tenant platform.
- Investigated the blast radius of Shopify's **deprecation of ORDER\_STATUS and ALL ScriptTag scopes** across live merchant stores and CDN-hosted tracker scripts, wrote read-only **Node/PostgreSQL tooling** to identify every affected client, validated the plan against a local mock Shopify API, and handed the team a runnable migration path.
- Implemented the **password reset flow** end to end (API endpoints and dashboard screens), and shipped one-click **SSO** and onboarding fixes in the Shopify embedded app.
- Migrated the dashboard frontend from **Nuxt 3 to Nuxt 4** against an undocumented upgrade path — reverse-engineered breaking changes from build failures and delivered it with no regressions. Works in a weekly agile cycle with structured **code review**, triaging findings on my own branches before merge.

### Prodigal AI

July – August 2025

Software Engineering Intern

Delhi, India

- Engineered a context-aware AI chat and document-summarization feature for an in-house messaging application by integrating the **ChatGPT API** into the existing backend.
- Designed prompt pipelines that turn dense technical conversation history into investor-friendly summaries, iterating on an ambiguous, open-ended requirement.

## PROJECTS

### AI Chat Summarizer

Python, Flask, OpenAI GPT-4, PyMuPDF, python-docx • github.com/SauravChauhan666/AI-Chat-Summarizer

- Built a web app that turns meeting transcripts and uploaded documents (PDF, DOCX, TXT) into structured, investor-ready summaries — key decisions, action points, deadlines and a confidence assessment — with document parsing, persistent chat history and conversation export.

### QuantaLab — Stock Market Simulation & Analytics Tool

Python, yfinance, Pandas/NumPy, Scikit-learn, Matplotlib • github.com/MrParindiyal/quantalab

- Built, as part of a team, a virtual trading platform over a pipeline that ingests and validates **5 years** of historical market data, with strategy backtesting and dashboards visualising portfolio performance and risk/return.

### Laser-Based Weed Detection and Removal System

Python, PyTorch, OpenCV, UNet (RGB + NIR) • github.com/SauravChauhan666/Laser-based-weed-detection

- Built a precision-agriculture system that segments weeds from crops on RGB + NIR imagery at **~90% accuracy**, served through a real-time OpenCV/PyTorch inference pipeline driving a laser removal mechanism.

## TECHNICAL SKILLS

**Languages:** TypeScript, JavaScript, Python, SQL

**Backend:** NestJS, Node.js, REST API design, TypeORM, Shopify Admin API (GraphQL & REST), webhooks and event-driven integration, OAuth and access-token flows, Flask

**Frontend:** Vue.js, Nuxt.js (3 and 4), HTML5, CSS3, responsive UI, Chrome DevTools debugging

**Databases:** PostgreSQL, MySQL, SQLite — schema design, migrations and indexing, SQL aggregation, multi-tenant data modelling

**Tools & DevOps:** Git, GitHub, Docker, Postman, Linux/Unix, Jupyter; AI-assisted development (Claude Code, Copilot, Cursor)

**AI/ML:** PyTorch, TensorFlow, Scikit-learn, OpenCV, LLM / OpenAI API integration, Pandas, NumPy

**Key Concepts:** Data Structures & Algorithms, OOP, REST API design, database migrations, secure multi-tenant SaaS, code review, Agile

## EDUCATION

University School of Automation and Robotics, GGSIPU EDC

Nov 2022 – May 2026

B.Tech, Artificial Intelligence & Data Science | CGPA: 8.7/10.0

Delhi, India

**Coursework:** Data Structures & Algorithms, DBMS, Operating Systems, Machine Learning, Artificial Intelligence, Computer Vision, Big Data Analysis.

## ACHIEVEMENTS & CERTIFICATIONS

IBM SkillsBuild Summer Internship Program — AI Agent Architect, 2025.