

Punit Kumar Sharma

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Portfolio: punitsharma10.github.io

SUMMARY

Full-Stack Developer with **3+** years building backend systems and responsive web interfaces for CRM and e-commerce products, currently working with a **US-based legal-tech company**. Works in **TypeScript** with **NestJS, React, Next.js, MongoDB, PostgreSQL**. Shipped **15+ API modules** and **real-time notifications** for a legal case-management CRM. Uses **Claude Code** and **Codex** daily, reviewing and testing all AI-generated code. **Available to join immediately**.

SKILLS

Backend Technologies: NestJS, TypeScript, Node.js, Express.js, Swagger/OpenAPI

Frontend Technologies: React.js, Next.js, Tailwind CSS, Bootstrap

Databases: MongoDB, PostgreSQL, Redis

AI & LLM: Claude, OpenAI, Gemini, OpenRouter, prompt versioning, Model Context Protocol (MCP), agent orchestration

Infrastructure: Docker, Kubernetes, GitHub Actions (CI/CD), AWS (EC2, S3, Lambda), Vercel

Monitoring & Testing: Prometheus, Grafana, Playwright, Postman

WORK EXPERIENCE

OmnisAI - Houston, TX, USA (Remote)

May 2025 - Present

SDE-1 (Full Stack)

- Built and shipped **15+ REST API modules** for a legal case-management CRM serving **4 law firms managing 100+ clients in total**, using **NestJS, TypeORM, and PostgreSQL**. Implemented **soft deletes** to keep case records recoverable for audits and prevent dangling references.
- Built a **custom fields engine** that lets each law firm add, edit and delete their own fields on any module - with **conditional show/hide logic, picklist validation**, and per-field permissions.
- Built **real-time notifications** using **WebSockets (Socket.IO)** for SMS, email and fax reminders, including alerts for a combined **30+ outbound and 15+ inbound messages per day across SMS and email**. Routed alerts to **per-user and per-organization rooms** so staff could see activity without refreshing.
- Standardized list endpoints across all modules on **one response shape (data, total, currentPage, totalPages, limit)** with server-side search, sort, and pagination, so the frontend tables share a single hook instead of one per module.
- Built a **client portal** with **one-time-code login** so clients can check case status and upload documents themselves, reducing routine status-check calls to staff.
- Built **customizable dashboards** with **drag-and-drop widget layouts and charts**, so each firm arranges their own view instead of getting a fixed one.

FuturElectra - Gurugram (Hybrid)

Jan 2024 - May 2025

SDE-1 (Full Stack)

- Developed responsive dashboards for an internal CRM using **React.js** and **Express.js**, integrated with **MongoDB**.
- Refactored the UI for modularity and built **30+** common reusable components, including filters, comments, containers, and inputs, along with various custom hooks, middleware, and utility functions, significantly reducing development time.
- Implemented features such as a **size-adjustable** navbar and split window to improve user experience, enhancing the sales team's overall efficiency.
- Optimized response time of various controllers from **2100ms to 350ms** using MongoDB aggregation pipelines.
- Managed end-to-end **development lifecycle**, from conceptualization to deployment.

Shophree Retails Private Limited - Agra (Onsite)

Jun 2023 - Jan 2024

SDE-1 (Full Stack)

- Worked on innovative **e-commerce** platforms using **React.js** and **JavaScript**.
- Created and deployed scalable **APIs** using **Node.js** with AWS Serverless for smooth backend operation.
- Integrated **JWT-based authentication** systems to improve security across web applications and protect user data.

EDUCATION

Faculty of Engineering and Technology Agra College, Agra

B.Tech in Computer Science and Engineering

July 2019 - July 2023

CGPA: 7.12/10