

Nishant Sharma

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 LinkedIn

 Gitlab

 GitHub

 Website

EDUCATION

- Siliguri Institute of Technology | MAKAUT - June 2021 - June 2025
B.Tech in Computer Science and Engineering (4 years) **CGPA - 8.70**
- Sarwan Memorial School (ICSE) - 2007 - 2019
Percentage - **88.8%**

TECHNICAL SKILLS

- **Programming Languages:** C++, TypeScript, Python
- **Frameworks & Runtime Systems:** Next.js, Express.js, Pandas, WebAssembly
- **Systems & Infrastructure:** Linux, Docker, Hyperconverged Infrastructure (HCI)
- **Networking & Cloud:** CCNA, Nutanix Cloud Platform, VMware, Google Cloud Platform
- **Development Tools:** Git, Postman, Websockets
- **Databases:** MongoDB, PostgreSQL, Redis

EXPERIENCE

Technical Consultant | Freelance

BugleRock Capital | Aug 2025

Contributed to [deckit.ai](#) by building streaming functionality with Next.js, integrating APIs, injecting CSS dynamically, and refactoring the existing codebase for efficiency. Optimized API usage, reducing Claude calls by 40% and cutting operational costs.

Intern - System Reliability Engineer

Nutanix | Jan 2025 – Jun 2025

Executed infrastructure and full-stack development tasks across **Linux systems, networking, containerization, and virtualization**. Built and deployed real environments, wrote production-ready scripts, and actively contributed to backend integration, system provisioning, and internal platform improvements.

Key Contributions:

- Built and managed **Linux-based environments**, including installing and configuring distros, managing users and permissions, and handling system-level tasks like mounting storage, setting up SSH, and configuring services.
- Configured enterprise networks based on **CCNA** standards, including VLANs, routing, IP addressing, and switch configuration and resolved connectivity issues across virtual and physical interfaces.
- Migrated frontend apps from **JavaScript** to **React** and designed and developed **Django REST APIs** to support dashboards built with **Nextjs**, enabling smoother data flow and real-time updates.
- Managed and monitored **HCI** clusters with **Nutanix AOS** and **Prism Central**, added nodes, configured high availability settings, and ensured cluster health and resource balance.

Backend Developer - Core Team

GDSC Siliguri

Contributed to the core development of the club website by implementing robust **authentication** and **authorization** systems using **JWT**. Also conducted webinars and actively helped in organizing technical events and workshops on **Web3** and **Blockchain**.

PROJECTS

SEC Intelligence - [secintel.tech](#)

- Fetched & processed 1,000+ SEC filings (10-K, 10-Q, 8-K) from EDGAR by parsing raw XML, cleaning noisy data, and extracting structured insights such as balance sheets, income statements, and factual highlights.
- Built & deployed a **RAG pipeline** using **HuggingFace embeddings + ChromaDB** (100K+ vectors) with **LlamaIndex + Groq**, enabling highly accurate (~90%) document retrieval and synthesis while the overall architecture costs \$0.

Order Matching Engine - [Article](#)

- Built a high-performance order matching engine in C++ using **Red-Black Trees** to manage BUY and SELL orders efficiently.
- Orders are parsed from JSON files, matched by lowest ask and highest bid on the same token, and dynamically updated.
- The system prioritizes **volume-maximizing trades** over price optimization, simulating a real-time exchange environment.

LiveScript - [Gitlab](#)

- LiveScript is a real-time web-based code editor built with **React** and **CodeMirror**, enabling collaborative coding with live updates via **websockets** (Socket.io). Achieved strong adoption in my college, with 300+ active users when it was hosted.
- Utilizes **BaaS** for secure authentication, scalable data storage, and room management.

CERTIFICATIONS AND COMMUNITY EXPERIENCE

- Open source contributor at [Gitlab](#), [Grafana](#) and [twenty](#).
- [CCNA](#) Certified - Skilled in Network Architecture, Automation and Security.
- Legacy JavaScript Data Structures and Algorithms - [freeCodeCamp.org](#)
- Tech writer at [Medium](#) with over 12 articles. (Account: [nishant19072003](#))

ACHIVEMENTS

- Achieved 6th place at recent Gitlab hackathon. Merged 8 pull request and became a Level 2 contributor.
- Winner of intra-college hackathons **CodeKraft**, **CodeXQuest** and **TechFrenzy**.
- Solved 420+ algorithmic problems on LeetCode. (Account: [nishant892](#))