

Nitin Mishra

Phagwara, Punjab 144401

📞 +91 9838085666 ✉ nitinmishra85666@gmail.com 🔗 [linkedin.com/in/nitinmishra03](https://www.linkedin.com/in/nitinmishra03) 🌐 nitintheguy.vercel.app

Projects

Nivaran | *MongoDB, Express.js, React.js, Node.js, Python*

Jan 2026 - Apr 2026

- Built **Nivaran**, a full-stack grievance redressal web app (React.js, Node.js, MySQL) deployed on AWS, reducing complaint resolution time by **68%** across a 320+ grievance pilot with **99.7% uptime**.
- Engineered an **SBERT-powered NLP microservice** (all-MiniLM-L6-v2) with a three-tier confidence routing pipeline (auto-route ≥ 0.75 , flag ≥ 0.50 , manual queue < 0.50), achieving **91.3% categorization accuracy** and eliminating misrouting by 35%
- Implemented **end-to-end security** including **JWT** refresh token rotation, OWASP ZAP-verified hardening (0 High/Medium findings), rate limiting, and CSRF protection across 38 **REST API** endpoints
- Repository Link: [nivaran-ai](#), [nivaran-backend](#), [nivaran-mobile](#)

SteamDB Clone | *Next.js, PostgreSQL, Neon Console, Tailwind CSS*

Feb 2026 - Apr 2026

- Built a **production-deployed full-stack web application** using **Next.js 16**, **TypeScript**, and **PostgreSQL**, integrating Steam's **live Web API** to track real-time player counts, price history, and game metadata across a relational database with 5 normalized tables.
- **Designed and implemented a time-series data pipeline** that continuously snapshots live Steam player counts, enabling peak calculations (24h and all-time) and historical trend analysis — the same core architecture used by SteamDB.
- **Architected a scalable PostgreSQL schema** using Drizzle ORM with relational modeling (games, price history, player history, tags, game-tags), upsert conflict handling, and optimized queries for peak aggregations using window functions.
- Deployed Link: [SteamDB](#)

Automated Trade Execution using Zerodha Kite API | *Python, Zerodha Kite Connect API* Oct 2025 - Nov 2025

- Built a **fully automated trade execution engine** in Python using Zerodha Kite Connect API, programmatically placing market and limit orders based on custom-defined entry/exit signals with zero manual intervention.
- Designed a **signal-to-order pipeline** that evaluated predefined trading logic in real time and triggered buy/sell orders directly on Zerodha, reducing execution latency compared to manual trading.
- Interfaced with **Kite Connect's REST API** using the **kiteconnect** Python library to handle authentication, order placement, and order status tracking within a single automated workflow
- Repository Link: [trade-mcp](#)

Skills

Languages & Frameworks: JavaScript, TypeScript, Python, Java, C++, React.js, Next.js, Node.js, Express.js, MongoDB, Angular 18, Tailwind CSS, Bootstrap, jQuery, Git, GitHub

Software: NeonDB, Cisco Packet Tracer, Weka, Prolog, Arduino IDE

DBMS: NoSQL, SQL, PostgreSQL

Extra-Curricular Activities

Student Member and Fine-Art Head | Department of Youth Capital

Aug 2023 – Sep 2024

- Organized technical events like Magnitude (Hack-a-thons) and Concoction (Tech Fusion).
- Organized non-technical events like FTS (Freshmen Talent Search), Magnitude (Talent Events).

Communication Events | Department of Professional Enhancement

Dec 2024 – Mar 2025

- Participated in comprehensive events like Snapshots to Speech, Mind in Motion, English Escapades
- Presented communicational and problem-solving skills.

Education

Lovely Professional University

Bachelor of Computer Application — CGPA: 8.63

Pursuing

Phagwara, Punjab

S.T. Xavier's Senior Secondary School

12th — Percentage: 80%

2021 – 2022

Balrampur, Uttar Pradesh

S.T. Xavier's Senior Secondary School

10th — Percentage: 85%

2019 – 2020

Balrampur, Uttar Pradesh