

Naman Kundra

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Summary

Software engineer with hands-on experience building scalable APIs, microservices, and distributed systems using **Node.js**, **Go**, **PostgreSQL**, **Redis**, **Kafka**, and **Docker**. Built production backend services for AI-assisted and real-time platforms, covering API design, caching, database optimization, event-driven workflows, and WebSocket-based features. Developed fault-tolerant infrastructure projects involving job scheduling, load balancing, health checks, worker recovery, and concurrent execution, with API latency improvements of up to 50%.

Education

Thapar Institute of Engineering and Technology

Aug 2023 – Jun 2027

Bachelor of Engineering in Electronics and Computer Engineering — CGPA: 9.14

Patiala, India

Experience

Oracia.ai

Mar 2025 – Mar 2026

Software Developer

Remote – Delaware, USA

- Built and optimized backend services for **Oracia.ai**, an AI real estate platform, improving workflow efficiency and increasing conversions by 25%.
- Developed scalable RESTful APIs using **Node.js** and **PostgreSQL**, reducing API latency by 50% while supporting responsive product features built with **Next.js**.
- Implemented AI-driven workflow automation using **LangGraph** and **LangChain**, reducing manual operational processes by 40%.

GoVibe.live

Oct 2024 – Mar 2025

Software Developer

Remote – New Delhi, India

- Led development of the pre-launch version of **GoVibe**, building a scalable microservices backend with **Node.js**, **Kafka**, **Redis**, and **MySQL** to support real-time features for 1,000+ users.
- Integrated recommendation logic with backend services to improve content discovery, increasing average session duration by 30% and improving user retention.

Projects

Foreman (github.com/naman777/foreman) | Go, PostgreSQL, Redis, Docker, MinIO, Next.js

Mar 2026

- Built a fault-tolerant distributed job scheduler in **Go** with resource-aware allocation, worker agents, and **Redis**-based locking to ensure safe concurrent execution across multiple nodes.
- Deployed connection caps and health checks, ensuring fault-tolerance across backend servers; personally resolved 10+ critical server incidents, minimizing service disruptions

Load Balancer (github.com/naman777/Load-Balancer-CPP) | C++, Networking, TCP/HTTP

Nov 2025

- Built a TCP/HTTP load balancer in **C++** with multithreaded request handling, backend selection, and support for least-connections, round-robin, IP-hash, and rendezvous hashing.
- Implemented health checks, connection caps, retry-on-failure, and live stats tracking to enable fault-tolerant request routing across backend servers.

Achievements

- Merit-Based Academic Scholarship:** Recognized for top academic performance in the branch merit list at TIET.
- Smart India Hackathon (SIH) 2024 Finalist:** Selected among **1,300 finalist teams** out of 49,000+ participants.

Technical Skills

Languages: Go, C/C++, JavaScript, TypeScript, Python

Backend: Node.js, Express.js, REST APIs, WebSockets, PostgreSQL, MySQL, MongoDB, Redis, Kafka, GraphQL

Systems & Infrastructure: Docker, Kubernetes, Linux, Nginx, Load Balancing, Distributed Systems

Cloud & DevOps: AWS, GCP, Git, Jenkins, GitHub Actions, CI/CD

Frontend: React.js, Next.js, TailwindCSS

Leadership & Activities

Association for Computing Machinery (ACM)

Sep 2023 – Jan 2026

Technical Executive

Patiala, India

- Led **Hacklipse 4.0** (500+ participants, INR 2L prize pool), managing a 15-member team; built the event platform in Next.js and authored 5 problem statements with **95%** positive feedback.