Nikhil Nagar

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Skills

- **Programming Languages:** JavaScript | Python | C++ | TypeScript
- **Frontend:** React | Redux | Next.js | HTML | CSS | Tailwind | Three.js | Leaflet.js
- **Backend:** FastAPI | Django | Node.js | MongoDB | PostgreSQL | Redis | Kafka | Docker | Apache Nifi | Elastic Search
- **Others:** Microservices | Distributed Systems | Data Structures and Algorithms | Jenkins | Postman | Oracle Cloud | Azure

Experience

Software Engineer Lowe's *Bengaluru, India* **10/2024 - Current**

- Developed full-stack features for the **Quantum** platform using **React, FastAPI, MongoDB, Apache NiFi, Kafka**, and **Elasticsearch**, enabling real-time processing of product data from Lowe's e-commerce systems.
- Led the design and implementation of the **Investigation Module** for the Product Safety team, centralizing reviews, complaints, and customer interactions to streamline compliance workflows.
- Built a unified data model in Elasticsearch to support advanced querying and analytics; implemented real-time notifications using WebSockets, webhooks, and a **micro-frontend** architecture.
- Utilized **LLMs and AI tooling** via **Windsurf** and **MCP servers** to accelerate software development and deliver AI-enhanced features.
- Deployed services using Docker on Google Cloud (Loci), contributed to the internal Backyard React component library, and ensured code quality with Pytest, CI/CD pipelines, and comprehensive testing.

Software Engineer LTIMindtree *Mumbai, India* **07/2021 - 09/2024**

- Built and maintained a multi-step SX Cloud workflow app for a flagship metal manufacturer using React, Redux, React Router, TanStack Tables, and OracleDB to manage supplier tracking and approvals across India.
- Administered deployments on WebLogic Server for Java-based integrations with Cygnet and government GST portals.
- Developed the Integration Command Centre (ICC) dashboard in Next.js with dynamic rendering of 20,000+ rows using server-side pagination; implemented unit and integration tests using Jest and React Testing Library.

Software Development Intern Vyorius Drones *New Delhi, India* **04/2020 - 08/2020**

- Built a frontend prototype for geospatial data visualization using Python, React, and Redux.
- Implemented optimal drone routing algorithms for time-sensitive medical deliveries in Python.
- Integrated OpenStreetMap API, Leaflet.js, and Django REST Framework to visualize real-time drone paths on the web.

Education

B.Tech-Computer Science & Engineering Jaipur Engineering College and *Jaipur, India* **2017 - 2021**
GPA: 84% | Graduated with Honors Research Centre

Senior Secondary (12th) Central Public School *Kota, Rajasthan* **2016 - 2017**
GPA: 90%

Personal Projects

- **3D PORTFOLIO:** Personalized 3D website portfolio that showcases my **freelancing work** and personal projects.
  Link to My Personal Projects
- **Search And Rescue Missing Aircraft:** Full stack prototype for digitizing search and rescue operations for missing aircrafts.
  Link to Code Repository Research Paper
- **Simple Checkout SaaS:** A web app helping sellers to create and provide product's direct checkout links to the customers.
  Link to Code Repository

Professional Certifications

- **Oracle** Certified - Cloud Infrastructure Architect **Associate**
- **Oracle** Certified - Application Integration Certified **Specialist**
- **Microsoft** Certified - Azure Administrator **Associate**

Accomplishments

- Ranking **Top 5%** worldwide in Competitive Programming on LeetCode. See Profile
- **Raise the Roof!** award for exceptional contribution towards Lowe's Quantum Product.
- **Pat on the Back!** award for leading LTIMindtree's Tech Group Branding Team.