

# Nikhil Nagar

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I am creative and confident individual who develop software solutions to simplify business processes. I possess proficiency in DSA, scripting, Frontend development, computer science and cloud technologies.

## Skills

- **Programming Languages:** C++ | JavaScript | TypeScript | Python | Data Structures and Algorithms
- **Frontend:** React | Redux | Next.js | React Native | Tailwind.css | Leaflet.js | Three.js | HTML | CSS | Figma | OpenStreetMap
- **Backend:** Oracle Integration Cloud | Node.js | Express | REST | SQL | MongoDB | Prisma | Django
- **DevOps & Tools:** Jenkins | Git | CI/CD | Linux | Docker | Oracle Cloud | Azure | ChatGPT | Jira | Postman

## Work Experience

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|---|---------------------------|----------------------|--------------------------|
| <b>Sr. Software Engineer</b>  | <b><u>LTIMindtree</u></b> | <b>Mumbai, INDIA</b> | <b>06/2021 - Current</b> |
| <ul style="list-style-type: none"><li>• Developed and supported multistep workflow application for SX cloud using React, Formik, Redux, RTK, React-router, hooks and tailwind.css for flagship metal manufacturing client. Custom SX application was used to track, approve, integrate and manage the metal/raw material suppliers all over the India.</li><li>• Developed Integration Command Centre (ICC) application dashboard using Next.js, React, Redux, Typescript, SASS, HOC which required dynamic loading for 20000+ rows, with pagination feature. Conducted unit tests, integration tests for critical workflows using Jest and React Testing Library.</li><li>• Achieved expertise in Oracle Integration Cloud for developing REST/SOAP API endpoints. Administered 8+ SOA and OIC environments (Patching, Tuning, Installation, ESS, Upgrade) on oracle Linux and Cloud Infrastructure. Enclosed 200+ CRs/SRs/Bugs from SIT, UAT and PROD environments during fiscal year 2023.</li></ul> |                           |                      |                          |

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| <b>Software Development Intern</b>   | <b><u>Vyorius Drones</u></b> | <b>Delhi, INDIA</b> | <b>04/2020 - 08/2020</b> |
| <ul style="list-style-type: none"><li>• Developed frontend prototype using open-source tools, Python, React and Redux for geospatial data collection and visualization.</li><li>• Utilized Data Structures and Algorithms knowledge to find optimal paths for drone travel to achieve timebound medical equipment delivery. Leveraged free OpenStreetMap API, JavaScript, Leaflet.js, Django REST Framework for visualizing drone travel on web.</li></ul> |                              |                     |                          |

## Personal Projects

- **Search & Rescue Missing Aircraft Simulator:** Full stack prototype for digitizing search and rescue operations for missing aircrafts using open-source tools. [ React.js, Node.js, Mongo DB, Figma, OSM, Redux, Leaflet] [Source Code and Research Paper](#)
- **3D PORTFOLIO:** A personalized 3D website portfolio that showcases my skills, projects and other details. [React.js, Tailwind.css, Three.js] [Live Link](#) [Source Code](#)
- **AI GENIE:** A full stack application utilizing generative AI to showcase cutting-edge examples (Image/Video/Code generation) of Artificial Intelligence and Prompt Engineering. [ Next.js, React, TypeScript, Prisma, Stripe, Tailwind.css] [Live Link](#) [Source Code](#)

## Professional Certifications

- **Oracle Cloud Infrastructure Architect Associate 2023**
- **Oracle Application Integration 2023 Certified Specialist**
- **Microsoft Certified: Azure Administrator Associate**
- **Microsoft Certified: Azure Fundamentals**
- **Data Structures and Algorithms-NPTEL IIT Madras**

## Education

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|--|--|------------------------|--------------------------|
| <b>Bachelors in Computer Science Engineering</b> GPA 84% with Honors | <b><u>Jaipur Engineering College and Research Centre</u></b> | <b>Jaipur, INDIA</b>   | <b>06/2017 – 06/2021</b> |
| <b>Senior Secondary (12th)</b> GPA 90%                               | <b><u>Central Public School</u></b>                          | <b>Kota, RAJASTHAN</b> | <b>07/2016 – 04/2017</b> |

## Accomplishments

- Ranking **top 10%** worldwide in Competitive Programming on Leet Code. [See Profile](#)
- Former **Coordinator** of world record holder social group “**Zarurat-The Help Beyond**”.
- Received “**Pat on the back**” award for **leading** LTIMindtree's Tech Group Branding Team.
- Artwork (Huge handprint painting) recognized by Rajasthan Book of Record.