

# Aniket Rana

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## EDUCATION

**Sardar Vallabhbhai National Institute of Technology (NIT Surat)**

12/2020 – 05/2024

*Bachelor of Technology in Electronics and Communications*

*Surat, IN*

## SKILLS

**Programming Languages:** C/C++, Java, SQL, JavaScript, TypeScript, Linux Shell.

**Frameworks/Libraries:** Spring Boot, React/NextJS, NodeJS, Express, Tailwind, Flutter.

**Tools:** Git/GitHub, Docker, Jenkins, Firebase, MongoDB, PostgreSQL, Neovim.

**Concepts:** Data Structures and Algorithms, Object Oriented Programming, Relational Database Management Systems, Microservices Architecture, CI/CD, Communication Networks, Test Driven Development, System Design Basics.

## EXPERIENCE

**DevOps Intern**

01/2024 – 05/2024

*Capacity Web Solutions*

*Ahmadabad, IN*

- Orchestrated **5+** microservices using Docker, reducing deployment time by **30%**.
- Migrated **2** legacy monoliths to microservices on Kubernetes with **40%** faster developer onboarding.
- Deployed CI/CD with Jenkins for **2** applications, automating testing and deployment processes.

**Open-Source Fellow**

05/2023 – 07/2023

*Meta*

*Remote*

- One of the top **100** candidates out of **10,000** applicants and **2,500** project proposals.
- Crafted a mixed-reality application for HoloLense 2.0 Seam-sealing Machine Operator Training Simulator (**SMOTS**) increasing the training process more than **2x** without the machine or trainer.

**Project Manager**

12/2022 – 05/2023

*WictroniX*

*Surat, IN*

- Led team of **5+** developers, delivering **10+** projects within short deadlines and boosted team productivity.
- Coordinated with cross-functional teams to gather requirements, define project scope for high-quality solutions
- Wrote **15,000+** lines of code to multiple large-scale products, demonstrating strong technical skills.

**ML Fellow**

07/2022 – 08/2022

*Amazon*

*Remote*

- Attended 2 month long ML training program with **50+** hours of hands-on lessons and projects.
- Engineered real-time object detection application with OpenCV and TensorFlow resulting in **90%** precision.

## PROJECTS & CONTRIBUTIONS

**Flamingo.ai** | *NextJS, MongoDB, SocketIO, Mantine, ClerkJS, Vercel AI SDK*

(freelance)

- Developed and deployed a real-time web application leveraging various generative text services at one place, leading to a **2x** the productivity and enabling seamless collaboration among team members.
- Designed a workspace and chat room feature with granular access controls, Library management, real-time peer-to-peer change sync, and detailed usage reports; resulted in a **40%** increase in team collaboration efficiency.

**Layer5 & Meshery** | *layer5, meshery Gatsby, JavaScript*

- Achieved experience of working on a cloud native project by **CNCF** via Open-Source contributions.
- Contributed **2000+** lines of code across multiple repositories with **15+** commits.

**NactoCare** | *github Flutter, Firebase, Gemini AI*

- Architected mobile application for appointment booking of a personal nurse at home to empower individual nurses within **48hrs** at **Hack This Fall 4.0**.
- Implemented features like user query classification and filtering of nurses by distance, reviews and availability from **20+** categories of requirements.

## PROFILES

Codeforces: **1416 Specialist**, LeetCode: **700+ solved**, CodeChef: **1809**, MonkeyType: **125wpm**.