

NANDAN KUMAR

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TECHNICAL SKILLS

C++ | Data Structures | Algorithms | OOPS | Computer Networking | OS | Django | JS | ReactJS | ExpressJs | RestAPI | MongoDB | GitHub | DBMS | Tailwind | NodeJs | Java | Android | MySQL | Python | Shell Script | DevOps | AWS

EXPERIENCE

Server Technology Intern

May 2023 - July 2023

Oracle (Oracle Cloud Infrastructure)

Bengaluru, India

- **Flowlogs Egress Replay Automation Tool** : Developed a tool to replay dropped egress files, reducing manual operation from **5 hours to 15 minutes (1,900% efficiency gain)**.
- **Shepherd Release tool Upgrade**: Enhanced the Shepherd Release tool with functionalities for automated version selection and configuration file updates, reducing repeated inputs and speeding up security patching and CM updates by **10-12 times**.
- **Noisy Neighbour POC**: Successfully demonstrated the Noisy Neighbour approach for directing noisy neighbour records to required streams and extracting desired information. Designed a **High Level Utility Class** for integration with the project architecture.

Skills Used : REST APIs | *Java* | *Python* | *ShellScripting* | *Docker* | *Curl* | *OCI* | *Maven* | *SystemDesign*

Technical Member

June 2022 - Dec 2022

DSW Web Team MNNIT

Prayagraj, India

- Managed the Web Portal for M.Tech and PhD students regarding fellowships and scholarships, including **database management, issue resolution, and backend development**.

Tech Stack: JS | *TS* | *MySql* | *Express*

PROJECTS & ACHIEVEMENTS

DE-ICHIRAKU (10/2022 - 11/2022): Developed a full-fledged Android app with UI and backend functionality for e-commerce food delivery services. Utilized **Java**, **Firebase**, **XML**, and **Razorpay API**. Featured at **Avishkar 2022 Droidrush Event**. [GitHub](#)

Diagnosis Tracker (05/2021 - 05/2021): Created a Face Recognition web database for storing medical records using **ML (OpenCV)** and **Django Framework**. Featured at **DevJam Hackathon at NIT Allahabad**. [GitHub](#)

Intake Care (01/2022): Built a web application for nutrition tracking and healthcare using **ExpressJS**, **React**, **MongoDB**, and **NodeJS**. [GitHub](#)

*Competitive Achievements:

Ranked 2nd in Codigo Avishkar 2022 Coding Interview Competition, reaching the final round after solving complex coding challenges. [Link](#)

Ranked 5th in Droidrush Avishkar 2022 Android Development Competition, reaching the final presentation round and securing 5th position. [Link](#)

EDUCATION

Motilal Nehru National Institute Of Technology Allahabad (NIT Allahabad),

Bachelor Of Technology in Chemical Engineering | *CPI* : 8.07

Expected 2024