

# DHANANJAI SHARMA

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## EDUCATION

### SRM Institute of Science & Technology, Delhi NCR

(2020-Present)

- Bachelor of Technology in Computer Science and Engineering with Specialization in Cyber Security
- CGPA: **9.42/10** (Current)

## TECHNOLOGIES AND LANGUAGES

- Programming Languages: CPP, C, Python, JavaScript
- Web Technologies: HTML, SCSS, CSS, React.js, Next.js, Nuxt.js, Socket.io, Node.js, Svelte, SvelteKit
- Others: Kali Linux\*, Android Studio, MySQL\*, Supabase, Firebase

*\* Moderately Experienced/ Familiar*

## WORK EXPERIENCE

### Web Developer Intern, NoteString, San Francisco (USA)

(October 2022 – November 2022)

- Performed development tasks, including software design and coding
- Wrote modular/reusable/object-oriented Javascript code and used frameworks like Svelte, SvelteKit, etc.
- Documented application changes and developing updates

### Front-end Developer Intern, UnityLabs.ai, Bangalore (INDIA)

(February 2022 – May 2022)

- Developing new user-facing features using JavaScript Frameworks like ReactJs and NextJs
- Build reusable components and front-end libraries for future use
- Documented application changes and developing updates

## PROJECTS

### MACHINE LEARNING-BASED FIREWALL FOR ENHANCED NETWORK SECURITY

- [https://colab.research.google.com/drive/1gK\\_dp3y-okeOJHDt0eI-uimcydwuZxh0?usp=sharing](https://colab.research.google.com/drive/1gK_dp3y-okeOJHDt0eI-uimcydwuZxh0?usp=sharing)
- This project focuses on developing a machine learning-based dynamic firewall system capable of detecting and preventing both known and unknown cyber threats. Along with the advanced firewall solution, I have also implemented a packet sniffer component for comprehensive network monitoring and analysis.

### SORTING ALGORITHM VISUALIZER (NEXT.JS, JAVASCRIPT, REDUX)

- Deployed: <https://algovizlab.netlify.app/>
- Independently conceptualized, designed, developed, and deployed a website using Next.js framework to enable users to visualize algorithms. Also created intuitive user interfaces to enhance the user experience during algorithm visualization.

### Reden Chatting Website (FIREBASE, Sveltekit, Tailwind CSS)

- Deployed: <https://master--reden-app.netlify.app/>
- Implemented real-time messaging functionality, allowing users to engage in instant text-based conversations.
- Integrated Firebase's authentication and database services to ensure secure user registration, login, and data storage.

## CODING PROFILES

- LEETCODE: <https://leetcode.com/Kuro0911/>
- GITHUB: <https://github.com/Kuro0911>
- CODECHEF: <https://www.codechef.com/users/kur0>

## ACADEMIC AND EXTRACURRICULAR ACHIEVEMENTS

- Successfully cleared the Japanese Language Proficiency Test (JLPT) N5 level, demonstrating a foundational understanding of the Japanese language.
- Meta Front-End Developer Professional Certificate Holder
- Captain, College Basketball Team