

# KARANJOT SINGH

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## Experience

### AdvantF Group KK | SDE Intern

April 2024 – August 2024

- Tech Stack:** Django (Python), NextJS (ReactJS), PostgreSQL, Azure, Shadcn UI Remote, Japan
- Managed backend and API development for Somhako, including a custom interview scheduling system with calendar integration, user settings, and profile features to enhance user engagement for over 500 users.
- Automated deployment pipelines on Azure, optimizing performance, reducing deployment time by 40%, and minimizing application downtime.

### Vyalinks | Full Stack Developer Intern

September 2023 - October 2023

- Tech Stack:** NextJS (ReactJS), ExpressJS (NodeJS), MongoDB Remote, USA
- Created the frontend for user registration and custom QR scanning forms using Next.js, building interfaces for both client and admin sides
- Developed backend functionality using ExpressJS and MongoDB to support user registration and custom QR scanning, ensuring efficient data processing and storage

### Mikado Solutions | Web Developer Intern

April 2023 – August 2023

- Tech Stack:** ReactJS, ExpressJS (NodeJS), MongoDB, Socket.io, Wordpress Remote, India
- Developed a dynamic portfolio for a client using WordPress, resulting in a 25% increase in site traffic and improved client visibility
- Built a Learning Management System (LMS) application using the MERN stack and Socket.io, enabling real-time interactions for over 200 active users.

## Education

### Maharaja Agrasen Institute Of Technology, Delhi

2021 – 2025

Bachelor of Technology in Computer Science Engineering

8.9/10 CGPA

### Bal Bharati Public School, Delhi

2020 – 2021

AISSCE (XII) - CBSE Board

91.6%

## Projects

### SoMe - Social Media | Next.js, Express.js (Node), TailwindCSS, MongoDB, WebSockets

[Github](#)

- Designed and developed a sophisticated social media platform similar to Instagram with chat and universal search functionality, offering a visually appealing and interactive user experience.
- Integrated real-time chat using WebSockets, allowing seamless communication and engagement between users.

### KSDrive - Google Drive Clone | React JS, Firebase, Bootstrap

[Github](#)

- Built a Google Drive clone featuring secure user authentication, ensuring only authorized access to personal file storage.
- Developed a structured file management system, allowing users to organize, upload, and manage files in a clean, user-friendly interface.

### AiFlix | Next.js, TypeScript, MongoDB, ExpressJS.

[Github](#)

- Created a platform for uploading and showcasing AI-generated trailers, providing users with an interactive media experience.
- Implemented a voting-based ranking system to enhance content discovery and encourage user engagement.

## Skills/ Courses

**Programming Languages:** Javascript/Typescript, Python, C/C++, Java, SQL

**Frameworks:** React.js, Next.js, TypeScript, Node.js, Express.js, MongoDB, Firebase, Bootstrap, WebSockets, Socket.io, Django, Flask, Selenium

**Software Development:** RESTful APIs, Full-Stack Development, OOPs, Data Structures & Algorithms

**Tools & Operating Systems:** Git, Docker, Kubernetes, Tableau, Excel, Unix/Linux, Windows, macOS

## Achievements

- Won 2 inter-college hackathons, showcasing problem-solving and innovation skills.
- President of IOSD MAIT** - Organized various Tech Talks, Hackathons, and Tech Fests in college, fostering innovation and community engagement.
- Founded Code Infinite Community** to help students network in Coding Community