

# GAURAV LODHI

## Software Engineer Intern

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in LinkedIn

Github

# Portfolio

## EXPERIENCE

SDE Intern

### OUTLIER AI

September 2024 – November 2024 Delhi, New Delhi

- Tech Used: **React.js, Next.js, JavaScript, TypeScript.**
- Completed** all **SDLC phases**, clarifying project requirements to streamline initiatives, boost team communication, and **cut rework by 30%.**
- Created** an effective **API documentation** framework for faster data integration with Firebase and MongoDB, reducing system downtime by **20%** and enhancing data access for stakeholders.

Software Development Intern

### Tech Octanet Services Pvt. Ltd.

June 2024 – August 2024 Online

- Tech Used: **HTML, CSS, JavaScript, React.js, RestAPI.**
- Modified** the website's front end with modern technologies, boosting visitor interaction time by an average of **3m/session.**
- Implemented CI/CD pipeline** to automate deployments, saving **30+ hours** monthly and ensuring smooth integration of new features into the application.
- Executed route** management with **react-router-dom**, accelerating feature deployments, saving **15** developer hours.

## TECHNICAL SKILLS

- Programming Languages:** Python, C/C++, JavaScript, HTML, CSS.
- Frameworks and libraries:** React.js, Node.js, Express.js, Next.js.
- Databases/Cloud:** MongoDB, Firebase, MySQL, PostgreSQL, AWS.
- Other Skills:** DSA, Communication, Analytical.
- Tools:** Git, Github, Postman, Docker, VScode, tailwindCSS.

## PROFILE LINKS

- LeetCode Profile** : 750+ Problems Solved, 1700+ Rating.
- CodeChef Profile**: 200+ Problems Solved, 3 Star☆ (1624).
- Codeforces Profile**: 200+ Problems Solved, Pupile (1250).

## ACHIEVEMENTS

- Solved over **1,000 coding problems**, enhancing debugging skills and code efficiency
- 3-star (1624)** coder on CodeChef.
- Pupile (1250)** On Codeforces.
- Knight (1700+)** on Leetcode.
- Open Source Contribution** for Organizations like **GSSOC** and **SWOC.**

## EDUCATION

B.Tech. (Major-ECE/Minor-CSE) - 7.2 CGPA

### Delhi Technological University, New Delhi

August 2021 – May 2025

Higher Secondary Education - 83%

### Navyug Senior Secondary School

Delhi April 2020-July 2021

## PROJECTS

### Code-Buddy WebApp

[Live Link](#)

- Tech Stack: **React.js, Next.js, ShadCN, PostgreSQL, Get Stream API, TailwindCSS.**
- Applied the **NextAuth** for secure **Google-based authentication**, enhancing user **security** by **40%** and reducing **unauthorized access** by **30%.**
- Engineered** a room management and tag-filtering system with live video and screen sharing via **Get Steam API**, cutting search and communication time by **50%** for smooth real-time collaboration.
- Augmented** reliability of **Drizzle ORM, PostgreSQL** on Railway, minimizing load times by **30%** and improving account management, increasing user satisfaction and data handling by **20%.**

[Github](#)

### Milaan WebApp

[Live Link](#)

- Tech Stack: **MERN Stack, Socket.io, RestAPI, Postman**
- Engineered** a real-time matching and chat system with **bi-directional** swiping, boosting user engagement by **40%** and enabling instant chats on match.
- Upgraded** with **JWT-based authentication** and **encryption**, decreasing **unauthorized access** by **50%.**
- Advanced user interface** for swipe control, emojis, and **real-time updates** improving **user experience** by **50%.**

[Github](#)

### Fast Share Webapp

[Live Link](#)

- Tech Stack: **React.js, Next.js, Supabase APIs,**
- Enhanced Seamless** file sharing with secure access, scaling down retrieval time by **40%** using **Supabase.**
- Optimize file upload and download workflows, include drag-and-drop functionality and real-time progress into compressing file handling time by **40%.**

[Github](#)

### Gaurav Portfolio Website

[Live Link](#)

- Tech Stack: **React.js, Next.js, TailwindCSS.**
- Designed** a **responsive** portfolio website, leading to a **30%** increase in **user engagement.**
- Designed custom UI** elements, including a unique cursor and **interactive client review** section, which increase user interaction metrics by **25%** and boosted visitor retention by **Git.**

[Github](#)