

Gautam Sodhi

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Skills

Programming	C++, C, Python, Javascript, Typescript
Web Development	ReactJS, NextJS, NodeJS, ExpressJS, MySQL, MongoDB, PostgreSQL, REST API, HTML5, Tailwind CSS, Bootstrap
Devops	Jenkins, Ansible, Maven, Docker, Kubernetes
Tools	Git, Linux, AWS, Figma, Webflow, Postman
Languages	English, Hindi, Punjabi

Projects

Chatmate - A Realtime Chat Application

[Github Repo.](#)

REACT.JS | NEXT.JS | TYPESCRIPT | POSTGRESQL | TAILWIND CSS | HTML | SOCKET.IO | PRISMA ORM | FRAMER MOTION

Oct 2023

- Developed a high-performance real-time chat application featuring one-to-one video calling and live messaging, utilizing Next.js, TypeScript, and Socket.io (Web Sockets) for robust and efficient communication.
- Implemented efficient data handling, real-time updates and data validation with PostgreSQL, Prisma and Zod, ensuring seamless data synchronization and reducing query response time by 35%.
- Integrated secure authentication mechanisms using Clerk, safeguarding user data and enhancing privacy protections.
- Enhanced user experience with a responsive UI/UX using Tailwind CSS and Framer Motion, providing smooth animations and interactions.

Music Player

[Github Repo.](#)

C++ | OOPS | SFML GUI

Dec 2023

- Collaborated with a team to implement a Music Player application leveraging Object Oriented Programming principles using C++ and SFML.
- Improved file handling efficiency, reducing file I/O operations by 25%, ensuring seamless data persistence..
- Integrated a visually appealing graphical user interface (GUI) using SFML, introducing visualizer and buttons for engaging user experience.

CodersRealm - A Coding Platform

[Github Repo.](#)

REACT.JS | NEXT.JS | TYPESCRIPT | HTML | TAILWIND CSS | FIREBASE

Jul 2023

- Developed an interactive coding platform where users solve coding problems and access video solutions for each problem.

Education

Dr. B.R. Ambedkar National Institute of Technology, Jalandhar

Punjab, India

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING | CGPA : 8.63/10

Nov 2022 - Current

Doaba Public School, Dhariwal

Punjab, India

CBSE (CLASS XII), AGGREGATE : 96.8%

June 2022

CourseWork

- Data Structures and Algorithms • Design and Analysis of Algorithms • Database Management Systems • Computer Architecture
- Object Oriented Programming • Machine Learning • Introduction to C Programming • Computer Networks • Mathematics I,II

Achievements

- Solved more than **350+** Leetcode Problems.
- Achieved a **2★** coder status at **CodeChef**.
- Leetcode** Biweekly Contest 129 Global Rank **574** out of **25287** participants.

Certificates

DevOps Beginners to Advanced with Projects

Credential ID : UC-4306b4a4-b2f7-4380-8aca-80e2b3c08831

The Complete 2023 Web Development Bootcamp

Credential ID : UC-2de3fd32-0f32-4045-bb60-f46f215faf88

Mastering Data Structures & Algorithms using C and C++

Credential ID : UC-bd502f24-49a0-41e2-a99c-e017f854bbdf

Complete Web Design: from Figma to Webflow to Freelancing

Credential ID : UC-b202bc69-3264-4657-8775-a02c8365c241