Sahil Lamba

✉ 08sahillamba@gmail.com | 📍 Bhiwani, Haryana | 📞 +91-8307141156

EDUCATION

CHANDIGARH UNIVERSITY
Bachelor in Computer Science and Engineering
2019-2023 | Mohali, Punjab
CGPA: 7.29

SKILLS

TECHNICAL SKILLS

Languages :
• C / C++ • JavaScript / TypeScript

Libraries / Frameworks :
• ReactJS • NextJs14 • Bootstrap / Tailwind
• NodeJS • ExpressJS

Databases :
• MySQL • MongoDB

Other Skills :
• HTML • CSS • Postman • GIT • SDLC • Cypress
• RestAPI • Agile Methodologies • Data structure & Algorithm

LINKS

- LinkedIn:// sahillamba0008
- GitHub:// SahilLamba0008
- LeetCode:// 08sahil_lamba
- Portfolio:// sahil-lamba-portfolio

CERTIFICATES

- JavaScript Intermediate - HackerRank
- React Basic & Advanced - Coursera
- C/C++ Programming - IIT Bombay
- Full Stack Web Development - Internshala

ACHIEVEMENTS

- Published a research paper on GANs in the International Journal (IJRASET), focusing on realistic image generation. | Link
- Awarded 'Top Performer' badge with a 98% score in Full Stack Web Development on Internshala.
- Solved 270+ LeetCode DSA problems, earning badges and a 1,419 contest rating.
- Member of DSW (Department Student Welfare) Team in University

INTERNSHIPS

FULL-STACK DEVELOPER INTERN | MPS Infotech
Nov 2023 – Jan 2024

- Collaborated on a backup manager project, developing components like sortable tables, a responsive navbar, and an "add new users" modal with a front-end developer.
- Created and executed **50+ Cypress test cases** to ensure project's functionality and reliability.
- Technologies used: **ReactJs**, **TypeScript**, **Tailwind**, **Cypress**.

PROJECTS

TASK MANAGER | Link
Nov 2023 – Dec 2023
Used: TypeScript, NextJS, Server Actions, MongoDB, Tailwind

- Created a feature-rich user task manager app, enabling users to streamline task organization with help of **Create, Read, Update, and Delete (CRUD) functionalities.**
- Developed **RESTful APIs** to facilitate effortless task management operations and data exchange between the frontend and backend.
- Enhanced user experience with **Toastify notifications** and stored user profile images using **Cloudinary.**
- Implemented data integrity with **Zod** for rigorous user **form validation.**
- Built a secure system using **token-based authentication** and **Next.js middlewares** to protect sensitive routes and user data, ensuring **only authorized access.**

SWIFT MESSENGER | Link
June 2023 – Aug 2023
Used: ReactJs, NodeJS, ExpressJS, Socket.io, MongoDB

- Developed a messaging app that supports both one-on-one and group conversations using the MERN stack, with integrated **real-time communication** features powered by **Socket.io.**
- Implemented user **authorization** using **JWT (JSON Web Tokens)**, enhancing the app's security and user management.
- Implemented password **encryption** using the **bcrypt algorithm** to securely store user information in the database.
- Developed admin-controlled user management features, enabling administrators to have **authorized control** to add and remove users from group chats.

FITNESS MATCH | Link
Jan 2023 – April 2023
Used: ReactJs, NodeJS, ExpressJS, MongoDB, RestAPI

- Engineered a Tinder-inspired swiping app facilitating users in discovering fitness partners,with instant matches for right swipes and **recycled profiles** for left swipes.
- Implemented a **robust authentication & authorization** system with **JWT** and encrypted passwords using **bcrypt.**
- Integrated chat functionality to enhance communication between matched partners.