Manpreet Singh

Education

Chitkara University Expected Graduation: July 2025

Bachelor of Engineering — Major Computer Science

Rajpura, Punjab, India

- Golden Key Honours Scholar CGPA: 9.10/10
- Courses: Object Oriented Software Engineering, Algorithm Design & Implementation , Operating Systems, System Design, Front-end Engineering , Back-end Engineering , Advanced Data Structures & Algorithms, Full Stack Engineering

Work Experience

Salescode.ai June 2024 – December 2024

 $Software\ Engineer\ Intern$

Gurugram, India

- Achieved 30% performance improvement in load times by refactoring the HomeScreen, unifying widgets, and
 optimizing content rendering workflows.
- Developed the **BannerV2 Framework** to deliver targeted, dynamic banners based on user preferences, locale settings, and promotional schemes, boosting user engagement by 25% and driving a 15% increase in click-through rates.
- Designed and implemented the **Skill Dashboard Framework**, providing users with an interactive platform to track analytics and proficiency levels, resulting in a 20% increase in user engagement and a 15% improvement in satisfaction scores through personalized insights.

Bharat Intern October 2023 – November 2023

Web Developer Intern

Remote

- Built a Netflix website clone using **HTML**, **CSS**, and **JavaScript**, improving front-end development expertise and mastering responsive design techniques.
- Integrated back-end functionality with **Express.js**, enabling dynamic content rendering and enhancing knowledge of server-side development.

Projects

DevOverflow | Website | Source Code

Next.js | Server Actions | MongoDB

- Developed and deployed a full-stack platform that fostered collaboration and knowledge exchange among **Developers**, providing a space for asking questions, sharing insights, and building a vibrant community similar to StackOverflow.
- Utilized MongoDB for data storage, Next.js server actions for backend functionality, and Next.js for creating a responsive and dynamic frontend interface.

Study Adda | Website | Source Code

 ${\bf ReactJS} \mid {\bf MongoDB} \mid {\bf Express.js} \mid {\bf Node.js}$

• Led the development of a full-stack EdTech platform for students and instructors, utilizing ReactJS for the frontend, Node.js and Express.js for the backend, and MongoDB as the database.

Facial Recognition Attendace System | Source Code

Pandas | Tkinter | Python | Numpy

• Created a facial attendance system, utilizing **Pandas** for attendance updates, **NumPy** for data processing, and **Tkinter** for the graphical user interface (GUI).

Leadership

Project Leadership Dec 2023

• Presented technical insights on my MERN Stack project "Study Adda" an EdTech platform) to classmates, showcasing full-stack development concepts and practical applications.

Technical Skills

 ${\bf Languages:\ Python,\ Java,\ SQL,\ HTML5,\ CSS,\ JavaScript,\ C++,\ Dart}$

Developer Tools: Postman, Git, Jira, Confluence, Visual Studio Code

 $\textbf{Libraries/Frameworks:} \ \ \text{Spring Boot, ReactJS, PostgreSQL, MongoDB, NextJS, NodeJS, ExpressJS, Flutter, ReactJS, NodeJS, Flutter, ReactJS, NodeJS, Flutter, ReactJS, NodeJS, Flutter, ReactJS, NodeJS, Flutter, ReactJS, Re$

Native