

Muhammad Saad Haider

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Github | Website | LinkedIn

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year of Passing
B.tech	Indian Institute of Technology, Jammu	8.11 (Current)	2028
12th Standard	Jawahar Vedic Pubic School, Muzaffarnagar	85.6%	2024

PROJECTS

- Anton - SQL-like Database

Oct. 2024

GitHub

A SQL-like database built from scratch.

– **Tools & Technologies:** Java

– Explored database internals by implementing parsing, indexing, and query execution from the ground up.

– Implemented a B+ Tree-based storage engine supporting inserts, deletes, and range queries.
- Autotone - Browser Extension

Aug. 2024

GitHub

A browser extension that normalizes audio volume across tabs.

– **Tools & Technologies:** JavaScript

– Developed a browser extension that automatically balances audio levels between tabs for a consistent listening experience.

– Gained early traction among users facing volume fluctuation issues on YouTube and Spotify.
- Vynk - UI Component Marketplace

Jun. 2024

GitHub | Live

A marketplace for high-quality UI components and templates.

– **Tools & Technologies:** React, TypeScript, Next.js, Tailwind CSS, Commander, Dodo Payments

– Built a marketplace for buying UI components and templates, focused on speed and design quality.

– Built an internal CLI tool that automates component setup, improving development speed and consistency.

– Achieved 200+ downloads in 2 days and 580+ visitors in a day through organic viral growth on X (Twitter).
- VidChat - Video Calling Platform

Apr. 2024

GitHub | Live

A web application for real-time video chat.

– **Tools & Technologies:** React, TypeScript, Node.js, Socket.io, WebRTC

– Developed a peer-to-peer video streaming and chat web application.

– Implemented dynamic room creation, and a minimal responsive UI for seamless multi-user video calls.
- FinTrack - Expense Tracker

Apr. 2024

GitHub | Live

A student-focused expense tracking web app.

– **Tools & Technologies:** React, Next.js, TypeScript, ShadCN

– Built a student-focused finance tracker with real-time insights, category analytics, recurring expenses.

– Attracted 25+ active users through organic traction.

KEY COURSES TAKEN

- Computer Programming, Data Structures and Algorithms, Linear Algebra

TECHNICAL SKILLS

- **Programming:** Java, C/C++, JavaScript, TypeScript, SQL
- **Tools & OS:** Git, Linux, Docker, Postman
- **Libraries/Frameworks:** Node.js, Express.js, React, Next.js, Spring Boot, Redis
- **Web Skills:** Redux, Zustand, TanStack Query, Tailwind CSS, Framer Motion, MongoDB, PostgreSQL

ACHIEVEMENTS

- Vynk reached 200+ downloads in 2 days and 580+ visitors in a day through organic viral growth.

2025
- Secured 4th place in Hack-O-Calypse, a competitive programming hackathon at IIT Jammu.

2024
- Secured 2nd place in Developer of the Month, a web development hackathon at IIT Jammu.

2024
- Solved 100+ coding problems on LeetCode.

2024

POSITIONS OF RESPONSIBILITY

- **Web Development Mentor,** Coding Club, IIT Jammu

Present
- **Competitive Programming Mentor,** Coding Club, IIT Jammu

Present