

# Syed Sajjad Hasnain

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## SUMMARY

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Im a passionate coder with expertise in Python, JavaScript, C++, and C, specializing in front-end web development. Im actively exploring cybersecurity, having solved various CTF challenges, including picoCTF, and ranking in the top 10% on TryHackMe. I thrive in collaborative team environments, enjoy working on projects, and am constantly eager to learn and grow in the tech field.

## EXPERIENCE

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**Tech Team Member**, IEEE JMI

*Feb 2024 - Jun 2027*

Web Development

Python, web scraping based library like selenium

Basics of OOPS and C++

**Graphics Team** , TRS JMI

*Aug 2023 - Jun 2027*

## PROJECTS

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### MineSweeper

- Developed a classic **Minesweeper game** that challenges players to uncover tiles without triggering mines. This project helped me sharpen my logic-building and algorithmic skills.
- Built using HTML, CSS and JS.
- <https://hocuspocus07.github.io/Minesweeper/>

### Fill the Bottle Game

- Created a **Fill the Bottle** game, focused on user interaction and dynamic gameplay. It enhanced my understanding of game mechanics and front-end development.
- Built using HTML, CSS and JS
- <https://hocuspocus07.github.io/WaterSortGame>

### SOLIS at HackJMI

- Part of **Team Vigil**, we won **3rd place** at **HackJMI** with **Solis**, an AI tool that identifies **bot-generated vs. authentic product reviews**. Collaborated on innovative solutions and honed teamwork and problem-solving skills in a competitive hackathon environment.
- Designed a Webpage that integrated the python backend with the frontend.
- Used Python, React.js, TailwindCSS.

### VrooomAPI

- **VrooomAPI**, a robust and scalable RESTful API that provides detailed information about cars, including specifications, filters, and more. This service is designed for developers to seamlessly integrate automotive data into their applications.
- Used React.js, MongoDB, express.js, Node.js, TailwindCSS.
- <https://vrooomapi.netlify.app/>

### Portfolio

- My portfolio website is **TryHackMe (THM) themed**, reflecting my passion for cybersecurity. It features sections like **Certifications** to showcase my achievements, **Blogs** where I share insights and experiences, and a **Contact Me** page for collaboration opportunities. Designed to highlight my skills and projects, its a creative and professional space that mirrors my dedication to tech and cybersecurity.
- Used React.js, Sanity.io, TailwindCSS.
- <https://sajjad1337.netlify.app>

### FreeChess

- Developing an online chess platform with Stockfish engine integration, allowing users to play against bots with customizable ratings and time controls.
- Features include unlimited free game replays, in-depth analysis, and real-time multiplayer using Socket.io.
- Tech Stack: React.js, Node.js, Express, MySQL, Socket.io, TailwindCSS

### JamiaRabt

- JamiaRabt is a platform built to connect alumni and current students, featuring an alumni directory, advanced filtering, a community forum, and an upcoming chat feature.
- Developed using the MERN stack (MongoDB, Express.js, React, Node.js) and styled using TailwindCSS

## EDUCATION

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**Bachelor of Technology**, Electrical Engineering

*Aug 2023 - Jun 2027*

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## SKILLS

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**Web Development:** HTML, CSS, JS, React.js, Node.js, MongoDB, MySQL, express.js

**Cyber Security:** Capture the Flags, Basic tools of linux, Web Exploitation, Reverse Engineering, PrivEsc, SQL injection

**Coding languages:** C, C++, Python, JS