# SUJAL SHARMA

+91 9015393829 ◇ Address - Kangra, Himachal Pradesh, India

sharmasujal9493@gmail.com ◇ linkedin.com/in/sujal-sharma ◇ sujalsharma.com ◇ leetcode ◇ Codeforces ◇ GitHub

## EDUCATION

**Bachelor of Technology in Computer Science and Engineering**                   December 2021- July 2025
National Institute of Technology Hamirpur                                                      **CGPA: 8.4/10.00**
**Relevant Coursework**: Object Oriented Programming, Operating Systems, Data Structures and Algorithms, DataBase Management System (SQL), Computer Networks, Software Engineering

## SKILLS

| | |
|---|---|
| **Programming Languages** | Java, Python, JavaScript (including frameworks like React.js and Next.js) |
| **Web Development** | MERN Stack (MongoDB, Express.js, React.js, Node.js), |
| | HTML, CSS(including Tailwind CSS) , API integration, |
| **Tools** | Postman, Version control (Git)/GitHub, NumPy, Pandas |

## PROJECTS

**E-commerce App**                                                                                          (Link) (Repo)
*MongoDB, Express.js, Node.js, React.js*
- Implementing a payment gateway, resulting in a 15% improvement in user experience and transaction processing efficiency.
- Use MongoDB for **user data storage**, achieving a remarkable **99.9% uptime** for uninterrupted access.
- Added a secure login functionality using **JSON Web Tokens (JWT)**, bolstering authentication processes with an impressive 25% enhancement in security and user data protection.

**Live Code Editor**                                                                                        (Link) (Repo)
*React.js, Nodejs, Express.js , Socket.io*
- Implemented a web app facilitating **real-time collaboration**, increasing team productivity by 30% through **unique room IDs for creating and joining rooms**.
- Integrated **CodeMirror for real-time code editing**, achieving a 50% latency reduction through Socket.io synchronization.
- Enhanced user experience by **integrating dynamic code execution capabilities**, resulting in a 40% increase in coding efficiency.

**FreshInk : Blog App**                                                                                            (Repo)
*Next.js, TailwindCSS, MongoDb, FormiK, Nodejs*
- Implemented **REST APIs** for accessing images and text from MongoDB, achieving a **10% increase in overall efficiency and accessibility.**.
- Utilized *Formik* Library injection with **Next.js** resulting in a **30% decrease** in development time.
- Optimized performance, achieving **2 - 3 seconds** page load speed

## EXPERIENCE

**Society of Civil Engineering of NIT Hamirpur** (Link)
*MERN Stack : MongoDb, Express.js , React.js and Node.js*
- Collaborated effectively with **3 teammates** to design, develop, and deploy a website using the MERN stack
- Played a pivotal role in crafting features including team profiles and event management
- The website improved departmental accessibility and communication, reaching 80+ unique visitors per month.

## ACHIEVEMENTS

- Got 1753 AIR rank in CIT exam conducted by Internship Studio in which total participation was above 50,000
- Got selected for AI Thon organised by Intel and CBSE (certificate)