Harshit Sethi

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Education And Certifications

•**Thapar Institute of Engineering and Technology** *2021 - 2025*
B.E Electronics and Computer CGPA: 7.92

Work Experiences And Positions of Responsibility

•**Intello Tech |** *Back End Developer Intern* June 2024 - July 2024

– Collabarated with a team to build a complete web application for internal use.
– Architected and optimized the backend of their web application using ExpressJs, MongoDb.
– Allocated, configured, and managed an Ubuntu EC2 server on AWS for seamless backend connectivity.

•**Firozpur Foundation NGO |** *Core Member* April 2020 - Present

– Developed a comprehensive software system to maintain records of all transactions and automate transaction slips.
– Distributed hand sanitizers and free food daily to those in need during the COVID-19 pandemic.
– Organized and managed various events, ensuring effective distribution of resources.
– Managed volunteer recruitment, training, and scheduling to ensure efficient operations.

Personal Projects

•**Reyy's Shoes |** *React.js, Express.js, MongoDB, Nodemailer, Nodecron, JWT, Stripe* Demo | GitHub

– Developed Reyy's Shoes, a robust e-commerce platform.
– Features include user-friendly browsing, OAuth 2.0 authentication for secure logins, Nodemailer for automated emails, JWT for session management, and Stripe integration for payments.
– Implemented an admin role system for full control over users, products, and orders, ensuring efficient platform management.
– Leveraged MongoDB for flexible data storage and Express.js for high performance and scalability.

•**Reyy Talks |** *Reactjs, Socket.IO, WebRTC, Firebase, and Express.js, Node.js* Demo | GitHub

– Developed Reyy Talks, a real-time communication app.
– Features include real-time text and voice messaging,expressive emojis, picture sharing , status updates, voice calls, and video calls and a blocking feature allowing users to block others.
– Utilized Firebase Authentication, Firestore, and Storage for user authentication, and multimedia storage.
– Integrated Zustand for managing states, Socket.IO for signalling, and WebRTC for voice and video calling.

•**Weather Application |** *HTML, CSS, JavaScript* Demo | GitHub

– A weather web app that fetches and displays the current temperature, weather, humidity, and wind speed details of any given city, allowing users to stay informed about weather conditions no matter where they are.
– Implemented functionality to fetch and display background images according to the location searched, enhancing the user experience and visual appeal of the application.

Technical Skills And Interests

Languages: Java , C++ , JavaScript, Node.js, HTML5, CSS3, Python

Frameworks/Libraries: React.js, Express.js, Socket.IO, WebRTC, Firebase, Zustand, MaterialUI, Tailwindcss, EJS

Databases: MongoDB (mongoose), Firestore

Tools/Platforms: Git/GitHub,Netlify, Vercel, Render, Postman

Tech Skills: Full-stack Development, Real-time Communication, RESTful API, Authentication and Authorization

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming (OOPS), Database Management Systems (DBMS), Operating Systems (OS)

Achievements And Extra-Curricular

• Solved 400+ DSA questions to enhance probelm solving skills. GitHub

• Excelled in Data Structures and Algorithms at Coding Ninjas platform. Certificate

• 4th Position at Paul Morphy Chess championship demonstrates problem-solving skills. Certificate

• State Chess Championship, secured 4/5 points shows strategic thinking. Certificate