Harshit Sethi

[Portfolio](#) | [GitHub](#) | [LinkedIn](#) | [LeetCode](#) | sethiharshitfzr@gmail.com | +91-7696446000

Education

- **Thapar Institute of Engineering and Technology** *2021 - 2025*
  B.E. in Electronics and Computer Engineering CGPA: 8.10

Professional Experience

- **Intello Tech |** *Back End Developer Intern* *June 2024 - July 2024*
  - Collaborated with a cross-functional team to build a web application, **boosting development speed by 20%**.
  - Designed and optimized backend using Express.js, **cutting load times by 15%**.
  - Managed and configured an Ubuntu EC2 server on AWS, **reducing downtime by 10%**.
- **Firozpur Foundation NGO |** *Core Member* *August 2020 - Present*
  - Developed a comprehensive software system to maintain records of all transactions and automate transaction slips.
  - **Distributed 500 hand sanitizers and 1,000 meals daily** to those in need during the COVID-19 pandemic.
  - **Organized and managed 20+ events**, ensuring effective distribution of resources to over 5,000 beneficiaries.
  - Managed the recruitment, training, and scheduling of 100+ volunteers, **increasing operational efficiency by 30%**.

Personal Projects

- **Reyy's Shoes |** *React.js, Express.js, MongoDB, Nodemailer, Node-cron, JWT, Stripe* [Demo ↗] | [GitHub ↗]
  - Developed Reyy's Shoes, **a robust e-commerce platform tested by over 50+ users**.
  - 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.
  - **Enhanced operational efficiency by 25%** with an admin role system for managing users, products, and orders.
  - Leveraged MongoDB to handle over 10,000 products and Express.js to support 1,000+ concurrent users 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** with **over 25+ active users**.
  - **Implemented features** such as real-time text and voice messaging, expressive emojis, picture sharing, status updates, voice calls, video calls, and user blocking.
  - Utilized Firebase Authentication, Firestore, and Storage, handling multimedia and ensuring secure user authentication.
  - Integrated Zustand for managing states, Socket.IO for signalling, and WebRTC for voice and video calling.
- **Credit Card Fraud Detection |** *Pandas, Numpy, Seaborn, Scikit-learn, CNN* [Demo ↗] | [GitHub ↗]
  - Developed **a deep learning models to identify fraudulent transactions**.
  - Leveraged Python3 and data analysis libraries (Pandas, Numpy) for efficient data preprocessing, **achieving a 50% reduction in noise and missing values**.
  - Demonstrated the effectiveness of deep learning techniques by outperforming traditional anomaly detection methods, **increasing fraud detection rate by 20%**.

Key Skills

- **Programming Languages:** Java, C++, JavaScript, Node.js, HTML5, CSS3, Python
- **Frameworks/Libraries:** React.js, Express.js, Socket.IO, WebRTC, Firebase, Zustand, MaterialUI, Tailwindcss, EJS, Pandas, Numpy, Matplotlib, Seaborn, CNN, Scikit-learn
- **Databases:** MongoDB (mongoose), Firestore, SQL
- **Tools/Platforms:** Git/GitHub, Netlify, Vercel, Render, Postman
- **Technical Skills:** Full-Stack Development, Real-Time Communication, RESTful API, Authentication and Authorization, Anomaly Detection, Deep Learning, Machine Learning, Data Visualization
- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems

Achievements And Extra-Curricular

- Solved **400+ DSA questions**, enhancing problem-solving skills and algorithmic thinking. [GitHub ↗]
- Secured **90% score** at Data Structures and Algorithms at Coding Ninjas platform. [Certificate ↗]
- Secured **4th Position** at Paul Morphy Chess Championship, demonstrating problem-solving skills. [Certificate ↗]
- Achieved **4/5 points** at State Chess Championship, showcasing strategic thinking. [Certificate ↗]