



Shlok Jhunjunwala

Bachelor of Engineering
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Education

Degree / Certificate	Institute / Board	CGPA / Percentage	Year
B.E.	Jadavpur University, Kolkata	8.4	2024
Central Board of Secondary Education	DAV Public School, UNIT-VIII, Bhubaneswar	94.4	2020
Indian Certificate of Secondary Education	The Heritage School, Kolkata	95.8	2018

Experience

Samsung R&D Institute India – Bangalore [↗](#)

Interned in Samsung Beyond 5G Modem Team

- Analyzed integration issues between **Application Processor (AP)** and **Communication Processor (CP)** in prototype 5G devices, leading to delayed message handling
- Implemented message queues and event architecture to improve high priority command latency by **15%**
- Worked on SIM log files to generate commands for proactive analysis

06/2023 – 08/2023
Bengaluru

Projects

Mediverse - Blockchain based hospital management app [↗](#)

Developed a **decentralized** blockchain application using **Ethereum** and **Solidity** for transparent medical record management
Created a digital token and integrated **Metamask** wallet for payments between patients and hospitals
Stored treatment records on **IPFS** for tamper-proof data sharing across hospitals

StayIO - Find PG nearest to you [↗](#)

Architected end-to-end PG rental search site with **ReactJS**, powered by **SQL** for fast location-based search and filtering
Implemented community **Q&A forum** where tenants can post queries and owners/other tenants can respond with answers, increasing user engagement by 25%
Integrated **Razorpay** for online fee payment and **WhatsApp API** for communication
No brokerage fees - 100% free for PG owners

Cryptoverse - Chatting app [↗](#)

Developed a Web3 metaverse chat application using **Moralis**, **React** and **CSS**
Implemented user authentication via **Metamask** wallet (**Rinkeby Testnet**)
Stored conversational data and messaging on a decentralized **IPFS** storage for privacy

CodeCraft - Online Code Editor [↗](#)

Integrated compiler **APIs** including **CodeMirror** for supporting code compilation in multiple languages
Implemented database-powered persistence for **saving** and managing code snippets and projects
Added **chat and discussions feature** for code reviews and bug tracking integrated with the editor

Technical Skills

Languages	C++, Javascript, HTML, CSS, SQL, ReactJs
Subjects	OOPs, DBMS, Data Structure and algorithms
Tools and libraries	Bootstrap, GIT, VS code

Certifications

Python 101 for Data Science [↗](#)

Problem Solving – HackerRank [↗](#)

Backend Development and API [↗](#)

Positions of Responsibility

Technical Lead at Convolution – Jadavpur University Fest - **Link** [↗](#)

Achievements

Codechef (Max Rating 1675) [↗](#)

Codeforces (Max Rating 1131) [↗](#)

LeetCode Contest (Max Rating 1522) [↗](#)