Sirjan

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WORK EXPERIENCE

DropD Network **Remote, IN**
Jr Backend and Blockchain Eng. *Oct 2022-Janurary 2024*

- Collaborated on web app enhancement by integrating social login and account abstraction with ERC-4337 standards and Biconomy SDK, cutting non-crypto signup friction by 40%.
- Co-developed upgradable smart contracts using UUPS for better maintainability and future upgrades.
- Improved backend infrastructure with AWS Cloud services, boosting scalability and reliability by 50%.

Filesharein.com **Remote, IN**
Backend Developer (Freelance work) *August 2023*

- Engineered and maintained Docker containers, leading to a 20% reduction in deployment time and operational costs. This improvement significantly contributed to an agile and efficient deployment process.
- Led the development of a secure backend solution using AWS services, showcasing expertise in cloud-based infrastructures and contributing to a 40% increase in system reliability and scalability.
- Actively engaged in API integration and maintenance, demonstrating proficiency in software development lifecycle best practices. This involvement resulted in a 15% reduction in system downtimes and overall system stability.

GJCIE Guru Nanak Dev University **Amritsar, IN**
Full Stack Web Developer (Freelance work) *December 2022- July 2023*

- Achieved a 20% increase in user engagement based on user feedback and analytics, indicating user satisfaction with the redesigned web applications.
- Optimized API end points resulting in enhanced performance by 25%.
- Managed MySQL databases, ensuring data integrity.

Personal Projects

Ecommerce Backend *(Personal Side hustle)* **JWT | MySQL | Node.js**

- Built a secure API with Node.js and Express, integrating payment gateway and social logins, managed product and inventory systems.
- Co-launched and led a streetwear clothing. Recorded profit of 600USD in first month, sold its operations for 2700USD in fourth month to a competitor.

Exchange Order Book Simulation **https://github.com/KingSlayer-KS/OrderbookSimulation**

- Simulated trading exchange order book in TypeScript and Node.js, enabling processing of limit and market orders to explore financial concepts like liquidity and market depth.
- Explored low-latency server-side application that handles complex financial transactions, enhancing skills in efficient system design and providing insights into the mechanics of trading exchanges.

EDUCATION

St. Clair College **Toronto, CA**
Associates in computer science *Sept 2023 – April 2025*
Guru Nanak Dev University **Amritsar, IN**
Bachelor's in computer science *Sept 2020 –March 2023*

SKILLS

Frontend: HTML/CSS | React | WordPress | Redux | Next.js | React | TypeScript | Bootstrap | Tailwind |

Backend: Node.js | Next.js Auth | GraphQL| WebSocket| JWT | Role base Auth

Web3: Solidity | UUPS | The Graph | Moralis | Hyperledger Fabric

Dev- Opps: Firebase | AWS | GCP | Docker

Database: SQL | My-SQL | Redis | Mongo DB