

Vibhuti Singh

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Experience History

- **Antier solutions Pvt Ltd, Mohali:**
— From 8 Nov 2021 to present.
- **HPC Sphere Pvt Ltd, Delhi:**
— From 13 July 2018 to 31 Oct 2021.

Work

Jetsynthesys : [Live view](#)

- **Hybrid Marketplace, where NFTs are sold and purchased with both crypto and fiat.**
- Multichain app deployed on Binance & Polygon.
- The project used *Microservices* architecture, with *Nodejs* and *TypeScript* for backend development.
- The project uses *ERC1155* smart-contract.
- Used Docker for development and deployment on the server.
- *Kafka* and *gRPC* were used for inter-service communication.
- Gasless transactions were enabled through *Biconomy*.
- *Elasticsearch* was utilized in the project to enable searching of NFTs by name and wallet address.
- *Redis* is used for caching in the application.
- Used Web3 to create wallets and process transactions.
- Database - *MySQL* with *Sequelize*.

Perstoc : [Live view](#)

- **Decentralized twitter clone.**
- *RabbitMQ* and *gRPC* were used for inter-service communication.
- Used *TypeScript* / *Nodejs* with *Microservices*.
- Database - *MongoDB* with *Mongoose*.

Blockchain Explorer : [Live view](#)

- **Explorer for a private blockchain.**
- In the project, Web3 was used to fetch the logs, transaction details, and block details for every transaction and block on the blockchain.
- Used *TypeScript* / *Nodejs* with *Microservices*.
- Database - *MySQL*.

Skills

Language & Frameworks :

- **Currently Working on :**
JavaScript, Expressjs, Nodejs and Typescript.
Microservices with MongoDB, MySQL, RabbitMQ, Redis, Elasticsearch, Docker, gRPC and Kafka.

- **Knowledge In :**
Decentralized web app development with *Reactjs*, *DynamoDB*, *Firebase*, *Solidity*, *Web3.js* / *Ethers.js*, *openZeppelin* and *ERC* standards (*ERC20*, *ERC721*, *ERC1155*).

Writing and testing Smart contracts for Ethereum, Binance and Polygon Blockchain for, DEXs (Uniswap, Pancakeswap) and NFT platforms (OpenSea, FanTiger) with Mocha-chai, Hardhat, Remix and Ganache .

Tools and Platforms :

Github, Postman, Mongoose , Sequelize, VS Code and AWS Services (EC2, S3, Elasticbean stalk, Route53, Lambda Function, Cloudwatch, Load balancer, Security group, Aurora, Data pipeline).

Awards And Achievements

- GATE cracked with **99 percentile** in 2016, 2017 and 2018.
- Received the excellent employee appreciation award from my company twice.

Education

- High School (C.B.S.E - 83%) : St. Mary's Convent School, Dhampur 2001-2002.
- Intermediate (C.B.S.E- 72%) : Dayawati Modi Academy, Rampur 2003-2004.
- B.Tech (68%) : College of Engineering and Technology, Moradabad 2004-2008.
- PG-DAC (64%) : CDAC, Pune.