

EMPLOYMENT

Program Analyst	CBNITS	Nov 2020-Present
<ul style="list-style-type: none">Team management and guiding about Express.js based servers and Angular based web apps.Built and now providing help to team members in managing multiple web applications using Angular for Nesten Blockchain wallet for managing NIT cryptocurrency and Blockchain Explorer(Chain is running since 2019 and it has already produced 289380+ blocks).Own and manage AWS operations related to EC2, Cognito and S3Design and build a new blockchain using Parity Substrate(based on Rust)		
Junior Software Developer - Blockchain	CBNITS	July 2019 - Nov 2020
<ul style="list-style-type: none">Working as a part 4 member Nesten Team, design and build server and restful APIs using ExpressJs that effectively manages blockchain transactions and other services using Postgresql.Build and maintain multiple mobile apps using Ionic 3 in Angular.<ul style="list-style-type: none">Nesten blockchain wallet(Nesten Wallet):- This app lets the users send and receive NIT cryptocurrency.Nesten app(Nesten):- This app lets the user interact with a Nesten IOT device using bluetooth.Covid-19 contact tracing app:- This app uses blockchain and bluetooth for contact tracing of covid-19.Provide support in building and deploying a new Ethereum based blockchain using parity ethereum(now Openethereum) framework.Do R&D about different Blockchains(like R3 Corda, EOS) and other technologies and find efficient solutions for day to day problems.Provide support in cloud operations on AWS.		

CERTIFICATIONS AND ACHIEVEMENTS

- AWS Certified Cloud Practitioner**([link](#))
- Gate 2019 Score:- 54/100; rank:- under 1800.**
- 2nd topper in Higher Secondary in school.

LANGUAGES AND TECHNOLOGIES

- Programming Languages - C, **Javascript**, Typescript, HTML, CSS, Solidity, **Golang**(learning), **Rust**(basics).
- Operating System - Linux, Windows, Android
- Database - **Postgresql**, **MongoDB**
- Frameworks and tools - **Angular**, **Ionic**, **React**, **ExpressJs**, **Bootstrap**, Truffle, Parity, Metamask.
- Others - **NodeJs**, GitHub, **Docker**, AWS, Cryptocurrencies, Postman.
- Blockchains - Ethereum, Hyperledger fabric(learning), Hyperledger Burrow(basic), R3 corda(basic), EOSIO(basic).

EDUCATION

B. Tech **Techno India, Saltlake, Kolkata** **July 2015 - May 2019**

. *Computer Science and Engineering*

- CGPA:- 8.12/10
- Main coursework: Data Structures, Design and analysis of Algorithms, Computer Networking, Database Systems, Operating Systems, Software Engineering.

Higher Secondary **SVM, Sindri, Dhanbad** **June 2012-March 2014**
Science(CBSE)

- Score:- 92%
- Major Subjects:- Mathematics, Physics, Chemistry

Secondary(CBSE) **SVM, Sindri, Dhanbad** **April 2010-March 2012**
CGP:- 9.6/10

B.TECH. MAJOR PROJECT

Land Registry System using Blockchain.

- A local **Ganache** based blockchain system which registered the land deeds using keccak256 hash and user's are able to view, transact and transfer the ownership using **Node.js** and **AngularJs** based user interface and **Metamask**.

PERSONAL DETAILS

- Father's Name:- Bharat Singh(Retired Coal India Serviceman)
- Mother's Name:- Shila Devi(Homemaker)
- DOB:- 02/11/1995
- Sex:- Male
- Marital Status:- Single.