

GOKUL.S

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Career Objective:

To be an indispensable asset for the organization where there is an ample scope for an individual as well as organizational growth with job satisfaction.

Professional Summary:

- ❖ Experience Working in developing and implementing application on **Ethereum Blockchain**
- ❖ Deploying Contract and run tests on personal **Ethereum Blockchain, Ganache and testnet**
- ❖ Knowledge on **ERC20** and **ERC721** tokens
- ❖ Knowledge on Blockchain technology, Ethereum Blockchain various consensus protocols(**Proof-of-Work & Proof-of-Stake**) and **cryptocurrencies**.
- ❖ Experience on JS frameworks such as **ReactJS** and **NodeJS**
- ❖ Experience on developing ethereum smart contract with **Solidity**
- ❖ Build and testing application with **Truffle** framework
- ❖ Experience in building **DApps** using React and interact with Ethereum Blockchain by using **web3.js** and **Metamask**
- ❖ Extensive experience in software Automation Testing including Sanity testing, Functional testing, Integration testing, Regression testing, Performance testing etc.
- ❖ Hands on experience in all stages of Software Development Life cycle (**SDLC**) and Software Testing Life cycle (**STLC**).

Technical Exposure:

Programming Languages	: Java and Java Script
Blockchain	: Solidity, Web3.js, Truffle, Ethereum,
Testing Tools	: Selenium, Katalon
Web Technologies	: React JS and Node JS
Others working Tools	: Jenkins , Git and Docker
Performance/Security test Tools	: JMeter, App scan

Professional Experience:

- ❖ Working as Software Test Automation Engineer in IVTL (INFOVIEW TECHNOLOGIES Pvt. Ltd), CHENNAI from September 2016 to July 2020.
- ❖ Working as Software Blockchain Developer in IVTL (INFOVIEW TECHNOLOGIES Pvt. Ltd), CHENNAI from August 2020 to till date.

Project Details:

Project#1 (From August 2020 to Till Date)

Company name: IVTL (Infoview Technologies Private limited)

Project: HUE-HR, HUE-SCM

Domain: Human Resource, Shipment Export and Import in SCM

Environment: Solidity, Web3, Truffle, Meta mask, React

Role Played: Blockchain Developer

Project Description:

- **HUE-HR** maintains employees details, organization base insurance data tracking updates used by smart contract .
- **HUE-SCM** is product of supply chain management system to maintain the process of Goods Import and Export, Inventory management, and transportation management data using Layer 2 network in different blockchain.

Roles and responsibilities:

Developed HR and SCM base blockchain Application using **solidity** and **web3.js** and Executing **test script** for solidity smart contract execution

- Created employee database and health care insurance Application by using React JS
- Efficiency smart contract creation in ethereum base backend recruitment.
- Validating contract and execute test script to confirm contract has no problem.
- Experience in all phase of Blockchain development life cycle that includes requirement gathering ,design,development and implementation.

Project#2 (From Jan 2021 to Till Date)

Project: IND Exchange(Token Swap and Farm) and Job portal(Open platform)

Environment: Solidity, Web3, Truffle, Meta mask, React

Role Played: Front-end and Smart contract developer

Project Description:

- **IND Exchange** is a DeFi platform to exchange one token to another one and Executing simple farming concept to provide tokens.
- **Job Portal** is Open platform to Apply jobs, creating post and sharing thoughts by **IPFS**, plan to implement donating ether to anyone if user likes.

Roles and responsibilities:

Product developed by React(Front-end),Solidity,Web3 JS and check execution in testnet.

- In Exchange created own token for platform and execute testing ethereum testnet and polygon testnet
- Platform Own token provide to stake holder while farming.
- IPFS use for user media content(images,videos,files) sharing Decentralized way.
- Design, implement and test smart contract upgrades and additions(like donate Reward,Educational content)

Project#3 (From Sep 2016 to July 2020)

Company name: IVTL (Infoview Technologies Private limited)

Domain: E-Commerce, Payroll

Role Played: Quality Assurance Engineer

Project Description:

- **HUE-Commerce** maintains direct customer Marketing, Payment, Finance.
- **CJK** is the ERP product of COMPANY V7 and it handle payroll and Human Resource Management.

Roles and responsibilities:

Produced test scripts, executed and generated test case documents using **Katalon and Selenium** from ground level.

HUE contains AI based application modules.

- Created selenium test scripts as per requirement.
- Application had new UI upgrade pattern so used **Katalon** studio for GUI validations. Similarly made automation test scripts for business flow validations.
- Applications are typically developed iteration by iteration. Selenium was used accordingly to produce test scripts for functional and integration checks. Effectively executed below phases using the automation framework.
 - 1.Test case execution for previously developed application
(Regression)
 - 2.Test case execution for new functionalities introduced
(Function)
 - 3.Integration of several modules and business flows from start to end
(Integration)
- Here Katalon used for **API test execution** in HUE.
- **Load testing** was done in HUE by **JMeter** and Clover. During this testing, confirmed the capacity of the application load stress.
- In HUE-SCM, Export/Import division test scripts were maintained by **Docker Container** instead of **Git repository**.
- Export/Import division test scripts were run in Linux while use of **Docker Image**.

Over all Responsibilities:**Block chain**

- ❖ Developed web Application for SCM(Supply chain Management) base Export,Import Data management screen
- ❖ Deployed a Smartcontract application in Ehtereum Blockchain along with designing the frontend of DApps with React JS.
- ❖ Currently implementing an Payroll Tax management on Blockchain with Smart Contract.
- ❖ Currently working on a Blockchain app that utilize the ethereum Blockchain for the creation of a supply chain management.
- ❖ Deep understanding of Ethereum,Hyper Ledger,Bitcoin,other Blockchain technologies and various consensus protocols.

Quality Assurance

- ❖ Mapping functional requirements with test cases.
- ❖ Involved in various test phases (System and Functional testing, Regression testing, Sanity testing, Performance testing, Security testing, Integration testing, UAT etc.)
- ❖ Retesting the cases where defect has been raised.
- ❖ Participating in daily meetings with the client and reporting the status.
- ❖ Coordinating with other teams and multiple stake holders involved in the project.

Educational Qualification:

- Bachelor of Engineering – Adhiyamaan College of Engineering (Year: 2016 major: Electronics and Communication aggregate: 78.2%)
- HSC – Bharathi Higher Secondary School (Year: 2012 major: Computer Science aggregate: 91.6%)

PERSONAL PROFILE:

- ❖ Date of Birth : 26th July,1995
- ❖ Father's Name : Sellappan
- ❖ Marital Status : Single
- ❖ Nationality : Indian
- ❖ Languages : English,Tamil

DECLARATION:

I hereby declare that the above written particulars are true to the best of my knowledge and belief. I promise to work sincerely and prepared to do hard work duly abiding to the organization.

Place: Chennai

Date:

Signature

[Gokul S]