# Summary



8 years 3 month of experience in software development, more than 6 years of experience in **Reactjs**, **AngularJS, VueJS,** **React-native, ReactXP Redux, ElectronJS, and MObX** front-end technologies and more than 2 years of experience in **nodeJS** and **JAVA**.

* Experience in App release management for **Apple App Store** and **Play Store**.
* Experience in release and distribution of **Alexa Skill** and Google Action.
* Experience in **AWS EC2**, **SES**, **IOT Core**, **IAM** role management.
* Experience in deployment and management of **AWS CodeDepoly service**, **Travis CI Infrastructure and Github auto-deployment**
* Experience in **Kubernetes**, **Docker**, **ConductR**

and **shell** scripting.



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***Fullstack developer***

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# Projects



1. **Application Name: Infiware Home Automation**

**Role:** CIO**/** Senior Software Development Engineer (Full-stack)

## Responsibilities:

* Design and Development of System Architecture.
* Design & Development of Mobile, Desktop, Website and IOT processor applications.
* Integration of AWS IOT Core, EC2, SES, IAM role management.
* Integration of Alexa Home, Google Home Action, Apple Homebridge Service.
* App release management for App Store, Google Play Store, Alexa skill distribution and Google Action for home release management.
* Implementation of protocols like MQTT, Socket, HTTPs for communication within the system.
* Unit testing.

## Technology / Tools:

* **React-Native, Typescript** with **Redux** as state management of Mobile Application.(IOS & Android platform)
* **ElectronJS** with **ReactJS** for desktop application. (Windows,Mac OS platform)
* **ReactJS** with **Redux** as state management for Website.
* **Node Js** with **AWS IOT SDK** for IOT processor.
* **AWS IOT Core** for mobile and IOT processor communication..
* **Alexa Skill, Apple Homebridge** & **Google Action** for Voice Control home automation.
* **Apple App store** & **Google Play Console** for app release and distribution management.

**App Links:**

* **IOS:** [**Infiware**](https://apps.apple.com/in/app/infiware/id1596459419)
* **Android:** [**Infiware**](https://play.google.com/store/apps/details?id=com.iotmobile)
* **Website:** [**https://www.11iot.in/**](https://www.11iot.in/)
* **Alexa Skill:** [**Infiware Skill**](https://www.amazon.in/IoT-And-Cloud-Technologies-Pvt/dp/B09RWTZW2V/ref=sr_1_1?crid=1D8QMIN1MRLIC&keywords=infiware&qid=1660640426&s=digital-skills&sprefix=infiware%2Calexa-skills%2C242&sr=1-1)



1. **Application Name: Centric8 PLM software**

**Role:** Software Development Engineer (Full-stack)

## Responsibilities:

* Development of new functionality as per requirement and optimizing existing code base and fixing bugs.
* Contributing as a **Full-stack** developer.
* Unit testing.

## Technology / Tools:

* **ReactJs, Typescript** with **MObX** as state management of Application.
* **GraphQL** rest endpoint for APIs.
* **ElasticSearch** and **MySQL** as database.
* **Node.js** server and npm for dependency management.
* **JIRA** software for sprint planning.



1. **Application Name: Medical Prescription Management**

**Role:** Associate Software Development Engineer (Full-stack)

**Responsibilities**:

* Development of new functionality as per requirement.
* Contributing to front-end.
* Unit testing.

## Technology / Tools

* GitLab as SCM
* **ReactJs**, **React-native** with **React-native-web**, and **ReactXP** as front end technologies with **Redux** as state management of Application.
* Unit testing with **Jest, Jasmine, Mocha,** and **TestNG.**
* **Node.js** server and npm for dependency management.
* Microsoft Teams (Kanban board) for task management.

# Typescript

**Projects (contd.)**



1. **Application Name: Task Management**

**Role:** Associate Software Development Engineer (Full-stack)

## Responsibilities:

* Development of new functionality as per requirement.
* Contributing to front-end and back-end development.
* Unit testing.

## Technology / Tools

* GitLab as SCM.
* **ReactJs** and **Redux** for front end state management.

## Express.js.

* **MongoDB** database.

# Typescript

**Projects (contd.)**



1. **Application Name: Speech Analytics**

**Role:** Associate Software Development Engineer

## Responsibilities:

* Development of new functionality as per the Client demands.
* Contributing to development of application harness and coding for new modules.
* Unit testing.

## 

## Technology / Tools

* GitHub as SCM
* **Scala** with Actor Framework **AKKA** for Asynchronous processing
* **Spray** for REST Web services
* SoX for audio validation
* Maven for dependency management
* AWS for Configured Staging and Production Environments Cluster
* **Kaldi** as Transcription Engine

# Projects (contd.)



1. **Application Name: Cryptocurrency Wallet**

**Role:** Associate Software Development Engineer (Full-stack developer)

## Responsibilities:

* Design and develop architecture for android application for ethereum blockchain wallet.
* Develop front-end and back-end for ethereum blockchain wallet.
* Implementation of smart contract(ERC20 token) transaction with multi-sig wallet feature.
* Unit testing of each module.
* Implementation of CI/CD of GitHub with AWS CodeDeploy service.
* Attend daily status calls and Stand up meetings.

## Technologies/Tools:

* **Scala**, **ScalaJS**, **ScalaCSS**, **Scala-ReactJS with Connect** as state management , SBT
* **Lagom** microservices (Microservices based backend architecture),

## Play framework

* Cassandra,
* JavaScript, HTML, CSS
* Akka actor model

## Infura blockchain, web3j, ethereumjs, lightwallet, web3js

* AWS CodeDeploy service for automated CI/CD with integration of Github auto deployment service
* **React-native** (for mobile application).

# Projects (contd.)



1. **Application Name: Freelancing website based on Ethereum blockchain**

**Role:** Associate Software Developer

## Responsibilities:

* Linux system administration using cPanel and Plex Panel
* Management for user-quotas
* Panel deployment on client-sites
* Domain registration and AD setup.

## Technologies/Tools:

* Scala, ScalaJS, SBT, ScalaCSS, ScalaTags
* Lagom microservices
* Play framework
* ReactJs,
* Cassandra
* JavaScript, HTML, CSS

# Projects (contd.)



1. **Application Name: Social Networking Website based on Ethereum blockchain**

**Role:** Associate Software Developer

## Responsibilities:

* Contributing in the Designing of the UI.
* Development of New Functionality as per the Client demands.
* Fixing of bugs.

## Technologies/Tools:

* **Scala**, **ScalaJS**, **Scala-ReactJS**
* JavaScript, AJAX and Jquery
* HTML
* CSS

# Skill Matrix



| **Experience Area** | **Tools / Platforms / Languages** |
| --- | --- |
| Technologies | Angular JS , VueJS, NextJS, Reactjs, React-native, Typescript, MObX, Redux, GraphQL, ElasticSearch,ElectronJS, Scala, Nodejs, Java Spring-boot, Lagom microservices, AKKA, Kafka, Play Framework, SBT, Maven,  Ethereum blockchain, Express, Jest, Enzymes SCSS, HTML, |
| Languages | Java, SCALA, Javascript |
| Design Patterns | Entity-Component Pattern, Singleton, Observer Pattern, Decorator Pattern, Factory Pattern |
| IDE’s & Utilities | Intellij idea, Sublime Text, Atom,Eclipse,Visual Studio,Xcode,Android Studio. |
| Cloud Technologies | AWS EC2, AWS IOT Core, Alexa Skill, AWS SES, AWS Cognito,AWS IAM role management, Apple's AppStore App management, Apples Homebridge SDk, Google Play App release console, Google Actions and analytics. |

| Version Tools | GitHub, SVN,GitLab |
| --- | --- |
| OS’s | UBUNTU, Windows7, Windows10 |