**Sayak Chatterjee**

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**Summary :-**

* Full stack developer having 1year 3month of IT experience
* 1 year of working experience in Developing Angular (4, 5)
* Basic knowledge about microservice architecture.
* Good knowledge about TDD, BDD, Agile methodologies.
* Good knowledge about CI/CD using Jenkins.
* Good knowledge on containerization using Docker.
* Basic knowledge of ReactJS, Redux
* Good working experience in UI Frameworks like Bootstrap and Material UI
* 1year working experience in Node JS and Express JS
* Basic working experience in GOLang
* Good working knowledge in Java, Spring, Spring–boot, REST, jQuery and java script based frameworks
* 8 months of working experience in Blockchain and Hyperledger-fabric.
* Good experience in databases like MySQL, Mongo DB and Oracle SQL.
* Good working experience in data access frameworks Hibernate, Mongoose and Spring Data.
* Used GIT for version controlling.
* IDEs used are Eclipse, VS Code, ATOM.

**Education:-**

Bachelor of Computer Science and Engineering

**Skills:-**

* **Programming Languages:** JAVA, HTML, CSS3, JavaScript, Node JS, GOLang
* **Frameworks** : Angular(1,4, 5), Express JS, Bootstrap, Material UI, Spring/Spring Boot, Hibernate,
* **Libraries:** JQuery, ReactJS, Redux
* **Deployment platforms** : Docker, Openshift
* **Databases** : MySQL, MongoDB, OracleSQL
* **Dev. Environment** : Eclipse, Ubuntu, Windows and VS CODE
* **Version Control Tools:** Git
* **Build Tools:** Maven

**Employment History:-**

Currently Working in ITC Infotech as Associate IT Consultant (December 5 2017 – Till date)

Worked as a Freelancer for 3 years (2015-2017).

**Project Experience:-**

**Project 1:**

**CSE Portal**

**CSE Portal** is a platform for efficiently manage the user related documents in a centralized way. The application is meant for customer care executives. Currently using the portal the end user would be able to store,update,fetch customer’s address proof, name change and contact details change.

**Duration** : October 2018 – Ongoing

**Team size:** 5

**Domain: BFSI\_APS**

**Role** : Full stack developer

**Client**: Santandar

**Responsibilities:**

* Involved in developing rest end points using ExpressJs and Echo.
* Involved in designing and implementation of 5 components using Angular and bootstrap 4.
* Involved in writing unit test cases using Jasmine, Karma.
* Involved in Deployment of NodeJS Application to DEV, PRE and PROD using Jenkins pipeline and OpenShiftfollowing CI/CD

**Technology Used:**

Angular 6, Express JS, GoLang, NodeJS, Git, Jenkins, Openshift, Jasmine, Mocha, Chai, Karma, Zuul, Bootstrap 4, Groovy, Eureka.

**Project 2:**

**Escrow Portal**

**Escrow** portal is being developed as a **POC** for the client which makes use of blockchain technology based on hyperledger-fabric framework for carrying out escrow operations in fast, transparent and hassle free manner.

**Duration** : February 2018 – November 2018

**Team size:** 3

**Domain: BFSI\_APS**

**Role** : Full stack developer

**Type** : POC

**Responsibilities:**

* Involved in designing and setting up network, channels, organization and peers using hyperledger-fabric
* Involved in writing chaincode using GOLang.
* Involved in implementing the UI using Angular 5
* Took part in designing and implementing api endpoints using ExpressJs.
* Configured node to secure the end point using JWT

**Environment:**

Hyperledger 1.10, GOLang, Angular5, Express JS, Node JS, Mongo DB, Bootstrap 3,Angular Material UI, Passport, Angular CLI, Git

**Project 3:**

**Gaming Portal**

Online gaming portal for children which served games based on JavaScript.

Players were able to redeem random gifts from the points they earned.

**Duration** : October 2015 – December 2015

**Team size:** 2

**Role** : Game developer

**Type** : Product

**Responsibilities:**

* Involved in designing the games and implementation using CSS
* Involved in coding the games using JavaScript and HTML5 Canvas
* Involved in dashboard creation that displayed scores using JQuery and AJAX.
* Involved in handling the bakend using Java, Spring-boot and MySQL
* Used GIT for version Control.

**Environment:**

HTML5, CSS, JavaScript, JQuery, MySQL, Java, Spring, Spring-boot,Git

**Project 4:**

**ONLINE CAB BOOKING**

Website to book cabs online which was mobile compatible. Both rider and driver could interact via the website. Localized mainly to work in Kolkata area only

**Duration** : March 2016 – August 2016

**Team size:** 4

**Role** : Full Stack Developer

**Type** : Product

**Responsibilities:**

* Involved in UI designing and implementation using AngularJS
* Implemented Maps using Google Maps API
* Involved in developing location based services using HTML5 Geolocation
* Involved in developing the Trip(duration,distance,price) using Google Maps APIs
* Involved in handling the backend using Java,Spring-MVC, Oracle
* Used Git for version control

**Environment:**

HTML5, CSS, AngularJS, Google Maps SDK, Google Maps APIs, Java, Spring, Spring-MVC, Oracle, git

**Project 5:**

**Video Website**

Website that streams video online. Although users cannot upload their own video. Videos that are already on the network can be watched. Users are paid for watching videos.

**Duration** : December 2016 – September 2017

**Team size:** 3

**Role** : Full Stack Developer

**Type** : Product

**Responsibilities:**

* Involved in UI designing and implementation using Angular4
* Involved in implementation of HTML5 Video Player.
* Involved in implementation of Video Streaming using a CDN service
* Involved in setting up CDN service using APIs and Filezilla
* Involved in setting up user email authentication using MailGun API
* Involved in handling backed using NodeJS, Express, MongoDB
* Used Git for version control

**Environment:**

HTML5,Angular4, NodeJS, Express, MongoDB, CDN(cdn77.com), Filezilla, MailGun API, git