

## PROFILE SUMMARY

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- Full stack developer with 4.6 years of experience building scalable web applications and internal tools that drastically improve efficiency.
- Experience in building e2e web application using MongoDB, Express.JS, Angular/React, Node.JS, creating Web services components of Restful Web services to interact with UI Interfaces using REST API with Node-JS, Express-JS.
- Well Skilled in JavaScript, Typescript and Node.JS for micro-service development and securing them from internal and external consumption.
- Expertise in building optimized micro-services and libraries that can be used in Node and Typescript.
- Proficient in building Web User Interface (UI) using Angular/React.JS and working with NGRX framework, Redux architecture using complex Object-Oriented concepts in improving the performance of the websites.
- Good Knowledge on Continuous Delivery build pipeline tools like: Git, Docker containerization and Container orchestration technologies like: Kubernetes.
- Good Knowledge on public cloud offerings (e.g., AWS, GCP, etc.).

## Languages and Technologies

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- **Programming Languages** - JavaScript, Typescript, Python (Basic), C
- **Operating System** - Linux, Windows, Mac OS.
- **Database** – MongoDB, DynamoDB.
- **Frameworks and tools** – Angular, Node.JS, React.JS, Redux, NGRX, Jest and Mocha for Unit Testing, SonarQube, PUMML, Swagger, Postman automation.
- **Others** – Grafana, Splunk, Elasticsearch, Bitbucket, Gitlab, JIRA, Rally.

## EMPLOYMENT

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### Software Development Engineer

Prokarma soft tech pvt ltd

Oct 2018 - Present

#### Project#1: SecureID

Client: T-Mobile, USA

- Working as a part of SecureID Team of T-Mobile. Designed and built service APIs and user interface that let the user for T-Mobile ID creation, login, Multi factor authentication.
- Built around 135 Node API's with 18 microservices in order to maintain the loosely coupled architecture.
- Introduced mechanism to maintain a secure and tokenized authentication for 15 different clients under T-Mobile like TVision, SyncUP PETS, T-Mobile Money, Network sim user etc.
- In Front end, developed the entire application from scratch in Angular 5 initially and later upgraded to angular 10.
- Built entire microservices in Typescript with Node.JS in order to achieve more efficient way of OOPS.
- Developed efficient code with modern coding techniques and also maintained 0% defect and >98% test cases coverage in all the microservices, libraries and angular.
- Used SonarQube in Angular and Node microservices to fix the code smells, bugs, security hotspots and maintained more than 99% of code coverage.

#### Project#2: Q-Processor

Client: T-Mobile, USA

- Built a microservice for the SecureID API audit reporting and telemetry which creates a different q-processors for login, signup, forgot-password, profile, mobile app.
- Using this microservice created metrics of all the payloads which integrates Splunk logs and Elasticsearch with Grafana. Used by Performance Engineering team to monitor clicks, success and failures of each and every API.
- This microservice provides the L3 support team to easy tracking of logs and troubleshoot the failures.

### Mean Stack Developer

Digital Lync

August 2016 - July 2018

#### Project#1: RBFCU

Client: RBFCU Bank, USA

- Built a user banking web application for instant p2p/a2a money transfer, schedule money transfer, advance transfer, bill payments like credit card, loans payments etc.
- Completely developed the whole application using redux pattern in Angular by using NGRX framework.
- Designed the architecture and Built a standalone library to maintain the entire state management entities at one place which can use the same for web and mobile application.

**Project#2: E-Learning portal****Client:** Digital Lync, India

- Built a product based on e-learning platform, which manages online classes and recorded videos between student, trainer and management.
- Designed and developed 3 child application under the same MongoDB database for tracking counselling process, invoice generation and check-in-checkout of student attendance.
- Extensively used ES6/Typescript features in Angular and also created entity based architecture in Node with typescript.
- Was able to create multiple possible designs. Found the cost of querying and efficiency for each design, and the best design was around 20% faster than the traditional MySQL DB that was in use to store the data.
- Worked on writing quality code using TDD (Test driven development) and unit tested using JavaScript testing frameworks Jasmine, Karma, Mocha, Chai, and Protractor to write the tests on both client side and server side.

**Project#3: Mee Truck Application****Client:** ProcessWeaver, India

- Built a product based on vehicle tracking management app, which track the water tanker that deliver around the city in different locations.
- Designed the front-end applications, user interactive (UI) web pages using HTML, CSS/CSS3, Angular, Angular Material and responsiveness using Angular Flex-Layout.
- Used swagger UI for the API integration with the NodeJS to drive consistency and discipline across the API development workflow.
- Implemented Mongo DB entity design pattern by using Mongoose library in Node-JS.
- Reviewed the quality of code for the high-volume progressive web application maintaining code and design consistency among team members.
- Optimizing legacy data storages and search queries for the high-volume external web app utilizing and MongoDB resulted in minimization of the average response time by 63%

**EDUCATION (HIGHEST QUALIFICATION)****Rajahmundry, India****Godavari Institute of Engineering and Tech****Sept 2012 - May 2016**

- B.Tech. in Electronics and communication engineering. Percentage: 72%
- Main coursework & Areas of Interest: Data Structures, Design & analysis of Algorithms, Competitive Programming.

**ACHIEVEMENTS AND RESPONSIBILITIES**

- Got Excellence Award thrice in Prokarma, one given for extraordinary performance in a quarter.
- Coordinator and Problem setter for the annual technical/coding fest of my college.