### KURAKULA D V SIVA SATYA SWAMY Mobile: +91-7416249414

### *Full Stack Software Engineer* Mail Id: [satyakurakula1@gmail.com](mailto:satyakurakula1@gmail.com)

<http://kurakula.tech/> <https://www.linkedin.com/in/swamy-kurakula>

**7+** years of hands-on strong experience into design, architect, code & test enterprise/web applications. Highly motivated to learn & apply new languages/frameworks/tools etc. Interested in understanding & applying algorithms, data structures to solve problems in different ways.

*Summary*

* 6+ years of experience in writing RESTful services using Node.js, Express.js.
* 6+ years of experience coding in programming languages like JavaScript.
* 3+ years of experience coding in Typescript, python.
* 6+ years of building reusable UI components Using Vue.js, React.js, angular, bootstrap.
* 6+ years of experience in building complex SQL & NOSQL queries.
* Applied best standards, SOLID principles, design patterns, OOPS concepts.
* Exposure in writing code using java, go.
* Hands-on experience in database design and Mongo, SQL Server.
* Strong knowledge inELK (Elasticsearch, Logstash, Kibana) Stack**.**
* Hands on experience with AWS (EC2, S3, CODEBUILD, LAMBDA), Heroku**.**
* Hands on experience with versioning tool Git, GitHub**.**
* Design & develop & test & maintain CRON JOBS using python**.**
* Hands-on experience in applications automation using ansible & IaC using terraform.
* Experience in containerization tools likeDocker and CI usingJenkins**.**
* Good communication and analytical skills.
* Managed a team of size:5 engineers.
* Code Reviews**.**

*Experience*

* Senior Software Engineer at FactSet Research Systems from April 2018 - till date.
* Senior Software Engineer at iNDx Technology from Sep 2016 - March 2018.
* Software Developer at Quality Core Systems from Jan 2014 - June 2016.

*Education*

* 2008 - 2012: Got 73% in B. Tech (Computer Science) from JNTU Kakinada.
* 2006 - 2008: Got 79% in Class 12.
* 2005 - 2006: Got 76% in Class 10.

*Project Summary*

**1.Native Alerting System (Company: FactSet) Jan 2020 – till date**

**Description:** The Native Alerting System is designed to provide alerting capabilities over the real-time data/logs present in the Elasticsearch. As part of this, Implemented different services/applications like

* alert ingestion pipeline, alert management web portal
* notification system, RESTful APIs, different CRON Jobs

**Environment:** Typescript, Javascript, node, express, SQL server, angular, bootstrap, vs code

**Responsibilities:**

* Layout backend architecture & design & Implement & maintain RESTful APIs
* Layout frontend application architecture (Component based).
* Design & Implement alert templates & Re-usable UI Components.
* CRON JOBS design & guiding team on How to implement these jobs.
* Code Reviews (Making sure everyone follows best-practices, standards, design patterns etc.)
* Explaining the tasks to team & supporting during development phase
* As a Lead, scheduling daily scrum meetings to follow-up on progress of independent tasks
* Scheduling Retrospective meetings to track the overall progress of monthly, quarterly etc.
* Design notification system

**2.Central Logging Platform - WEB (Company: FactSet) April 2018 - till date**

**Description:** The Central Logging Platform (CLP) is a standardized, reliable, and scalable log archival system intended to accept log messages from many disparate sources and persist them to a unified data store. Downstream consumers may then retrieve groups of related log messages in bulk to facilitate external processing, without requiring the consumers to collect log messages from each individual system.

**Environment**: Javascript, Typescript, Node.js, Sails.js, ELK Stack, Angular, Vue, Bootstrap, SQL Server, AWS, Git, Heroku, Jenkins

**Responsibilities:**

* New features design and discussions.
* Involve in all phases of product design, Implementation, test.
* Create and use required RESTful APIs.
* Implement the required UI Components.
* Testing, debugging, troubleshooting and support.
* Code reviews & suggestions.

**3.iCORE (Company: iNDx) Jan 2014 – Mar 2018**

**Description:** A data Integration and analytics platform to provide a Dashboard for Clinical Research in Cancer Immunotherapy. The platform is targeted to enable customer and its partner institutions to collaborate among themselves, integrating all their cancer clinical trial and research centres across the globe. The leading institutions that are expected to use the platform for clinical trials and cancer immunotherapy research are:

* PICI (Parker Institute for Cancer Research Immunotherapy)
* University of Texas MD Anderson Cancer Centre
* Memorial Sloan Kettering Cancer Centre, Stanford University
* UCLA, UCSF, University of Pennsylvania

**Environment**: Javascript, node, expressjs, vuejs, mongoose (ODM), bootstrap, docker, github, microservices.

**Responsibilities:**

* Implement & maintain required RESTful APIs.
* Involve in all phases of product design, Implementation, test.
* Implement database services & complex queries (persistence layer) to perform different operations.
* Implement various UI components using vue.js, bootstrap, HTML5, CSS3.
* Implement Docker to transport the builds between the team.
* Testing, debugging, troubleshooting and support.

Place: Hyderabad (**K D V S S SWAMY)**