Career Summary

* A passionate full stack developer who loves to solve scathing issues of real world software.
* Adept at Data Structures and Algorithms.
* Currently working in GE and having overall 3.4 years of experience in versatile domains.
* Contribution to solving various real world software problems like scaling, performance, software design as well as analytic development to solve complex problems of data.
* Experienced in working with multiple teams from software design and architecture to development and automation testing.

Technical Skills

* **Programming Languages** : Core Java, Spring, Python, PySpark, Flask
* **Web Technologies** : Angular, JavaScript, Polymer, HTML, CSS, bootstrap
* **Database** **Technologies**  : MySQL, Redis
* **Certifications** : Java J2EE, Scrum Agile, Predix Cloud Hackathon
* **GitHub projects**  : <https://github.com/siddhiparkar151992>
* **Linkedin** : <https://www.linkedin.com/in/siddhi-parkar-8b51589a/>

Company : General Electric Sept 2016 to Present

**Designation:** Software Engineering Specialist **Role**: Full Stack Developer

**Technologies**: Core Java, Spring, Python, PySpark JavaScript, Angular, MYSQL, HTML, CSS

It's a one stop solution built on of Predix(GE's own IoT operating system) to provide customers advisory from the board room to the plant, at stale across the fleet with comparisons to historical data, and benchmarks.

Operations Optimization V2.0

* Implemented Alarm generation analytic in pyspark with state management capabilities which let users get notified of anomalies in Power Plant health with false alarm prevention.
* Implemented analytic in distributed environment which helps user detect plant starts and failures and improved performance by 40%.
* Designed and developed Java based multithreaded MicroService which is responsible to collect data from various data sources which can be consumed by the web application to show performance of the power plant.
* Architected and developed a solution to show near real time performance of assets which replaced polling to server and help user detect any failure or abnormality as early avoiding unplanned outages.
* Automated the CSV comparator framework in automation testing reducing manual efforts to 0%.
* Created various reusable UI components adhering to modular architecture and single responsibility principle, currently ported to GE’s Predix Platform.
* Received Appreciations for putting efforts in analytic development being a new forte.

Asset Management

* Responsible for end to end design and development of REST based Microservices for management of asset hierarchy from MySQL. Leveraged Spring’s Entity Driven Data JPA framework.

Company: Finoux Solutions April 2016 to Sept 2016

**Designation:** Associate Software Engineer **Role**: Full Stack Developer

**Technologies**: Python, JavaScript, Angular 2, Redis, HTML, CSS, Bootstrap

Saraswat Netbanking Website

* Lead a team of 3 developers to build a Netbanking Solution which involved end to end design of Front end and REST service.
* Built a Web based dashboard which let users view consolidated view of banking system on single page with aggregated data.
* Implemented token based authentication system for security with session management.
* Built extensible web services layered on top of saraswat core api’s which populated data from multiple sources.
* Built Statement Module with search and sort capabilities which let users view historical transactions statement.
* Implemented e-Services capabilities which let user request/update/cancel checkbooks, update personal info.

Tick Trading App

* Built Real time stock watchlist that shows change in LTP of companies in market hours within milliseconds. Data was transmitted over a web socket from Redis.
* Built search API to present all possible search results in minimal time reducing the overall time. Used Redis for storing company information
* Implemented Market Hours page which communicates with MySQL master database and let users view/update/delete holiday master list

Company: Xoriant Oct 2014 to April 2016

**Designation:** Trainee Software Engineer **Role**: Full Stack Developer

**Technologies**: Python, JavaScript, Angular, Spring, MYSQL. Bootstrap, CSS

Bring your own data- MediaMath

An ETL platform which cleanses and validates the user uploaded bulk advertiser’s data against core data sources.

* Architected and Developed an ETL platform end to end for ingesting data from a File which let users upload advertiser’s data in bulk instead of manual entry filling.
* Improved performance of processing of a file using multithreading and queue based storage.
* Wrote web services to cleanse and validate the file data and present the results to user in minimal time.
* Built search framework which would let users search campaigns by typing in few words.
* Built pagination and progress indicator capability for loading next set of data and created REST based service for the same and added logging capabilities.
* Implemented history module at UI and server which shows historical statistics of user files and let user search and filter specific uploads.
* Implemented token based authentication system for login and register.

3PI - KPMG

A Third party intelligence system designed to monitor and identify threats in real time facilitating timely response.

* Worked in UI team where we built an email system where all users can send or receive mails with various tags. Wrote a segregation logic for tags which decided participants of respective message.
* Built a notification system at UI to process incoming messages.
* Worked on various UI modules like change password, dashboard and pagination for panels ensuing modularity and reusability of software.
* Built a lazy loading scrolling to fetch data based on history loaded.

Achievements

* Received an Award for Continuous efforts towards all three application layers in OOV2 Yearly Release.
* Won a Predix Hackathon as a team which was held across India where we built asset performance management dashboard using historical data.
* Successfully completed Scrum Agile Training with certification.

Academics

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| **Board/course** | **College** | **Grade** |
| Bachelor of Technology | UMIT(SNDT university) | First Class |
| H.S.C | Ruia College | First class |
| S.S.C | SMVM Matunga | First Class |