

JAYKISHAN H. HIRPARA

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Summary

- Energetic software engineer with around 8-years of experience in designing, strategic problem-solving and developing robust applications with monolithic as well as microservice architecture.
- Developed micro-services for file integration and third party API calls for business requirements. Technical lead for reporting modules that enable customers to identify profit/loss on dashboards.
- Experienced with Network Monitoring System and Manufacturing (MES/MRO) domain with different modules from planning to execution.
- Worked with US and UK customers for new enhancement as well as to understand real-time use-cases to resolve problems and provide end to end solutions.
- Having extensive industry and full life cycle experience in a java based environment, along with exceptional analytical, design and problem solving capabilities. Able to plan and lead full project life cycles using the best technical approach.

Technical Skills

- **Technologies:** Java, Spring boot, Rest API, Micro-services, vertx, Java Script, JSON, React Js, Spring security, Struts 2,
- **DBMS:** Oracle, MS SQL Server, MySQL, H2, Clickhouse
- **Domain:** Networking, Manufacturing(MES/MRO), Consumer Goods and Life science
- **Tools:** Eclipse, Tomcat Server, Active MQ, Mule, GIT, Tortoise SVN, Jira, Maven, sonarqube, Jenkins, flyway, AWS, Docker, Slack, Nginx, Oauth, filebeat, ELK
- **Specialties:** Java 8, DDD, CQRS, Junit, Mockito, Manufacturing, retail & health science domain knowledge

Work Experience

07/2019-Present	Sr. Software Engineer at Motadata (Mindarray Systems Pvt. Ltd.)
04/2018-07/2019	Sr. Software Engineer , at My POS Technology , Ahmedabad
06/2015-04/2018	Software Engineer , iBASEt India Software Pvt. Ltd. (Previously known as Orbit Technologies), Ahmedabad
07/2013-06/2015	Business Model Engineer , StayinFront India Pvt. Ltd. , Gandhinagar

Qualification

2009-2013	Gujarat Technological University , Bachelor of Engineering In Information Technology, Completed with 8.02/10.00 CGPA
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Professional Activities and Awards

- Member of International Association of Engineers (IAENG)
- Code school Certification for **GIT**
- Udemy Certification for **DOCKER**
- Udemy Certification for **Kubernetes**
- Udemy Certification for **Spring-boot, GIS Map, Design patterns & Architecture**

Experience and Responsibilities

□ **Organization:** [Motadata \(Mindarray Systems Pvt. Ltd.\)](#) Working on Product [Motadata NMS](#)

- Motadata is a product-based **startup** company in the **networking domain** where we are providing **Network monitoring solutions(NMS)** that help to monitor Network traffic.
- In My current role, I am working with a customer from Israel, we **provide OEM** solutions for their wireless hardware devices.
- Developed & maintained a fully **auto-upgrade** process for our **Distributed system**, customer can upgrade to the new system from UI(for master & standby)
- Implemented group based polling mechanism to **improve** the **performance** of the system by **20%**.
- Implemented **License validation functionality** which validates license daily and stops core function if a license is expired or corrupted.
- Created database **Migration utility** for Clickhouse, which transfers monthly partitioned data to daily partition **based on CPU%**.
- My **70% time** is involved in the **development** and **20%** time is involved in **managing** the team and **discussing** with customers on new requirements. I can say for the rest **10%** of the time is involved in **self-improvement** or learning new stuff.
- I am also involved in **requirement gathering, design decisions** based on product architecture, and recommend changes that can work with good performance as a user-friendly UI.
- My team consists of three developers, where I am **responsible** for **planning Sprint, break down Epic into stories and tasks**, and assign them to the developers with approval of the timeline.
- Along with development, I am also responsible for **providing weekly updates** on the development and **effort utilization** of the team, Explaining the functionality to the customer, **code review** as well as need to provide a code coverage report.
- **Tech stack:** Java 8, Struts2, Jetty, Micro-services, Javascript, JSON, DDD, flyway, Nginx, h2, Junit, Redis, Clickhouse, vertx, Mockito, GIT, Kafka(MQ), Jira, leadership, management, python, networking, tcp, io, linux, windows, spring mvc, spring boot, akka

□ **Organization:** [My POS technology](#), Worked on Product [Supertax](#)

- Supertax is a **startup**, providing a solution for **processing invoice data**, generating tax information, and file tax on government APIs.
- Implemented **file processing microservice**, which takes row data from the customer in the form of excel, CSV, or JSON(API) and processes that data if all data is valid then we process that, and if anything is missing we notify for that. (capability of processing around 300-500MB file).
- Implemented GST **microservice which sends data to third party** API in the form of JSON, service itself **validates JSON before sending** it so User doesn't get any error just before filing a Tax return.
- Implemented show **notification functionality** on the dashboard, to **attract customers** and give information about the new versions and some news about tax filing dates. I was **leading a team** which works on Report microservice, which creates analytics data based on customers requirements.
- Integrated **third-party SMS** configuration to the system.
- My team consists of four developers, one product owner, one scrum master, and one QA.
- I have worked on each phase of the project. In **product architecture**, we have used **microservice** to get good **horizontal scaling** and **load balancing** from the application, easy deployment for new features, and good security through a single gateway through the rest API calls.

- Responsible for **end-to-end development process** like, provide design idea, implementation approach for the new requirement, development, deployment on stage and production server, maintenance of servers along with resolving issues from production/stage on time.
- **Tech stack:** Java 8, Spring-boot, Rest API, Micro-services, DDD, CQRS, JavaScript, JSON, React Js, Spring security, flyway, Nginx, MySQL, AWS, redis, elastic search (ELK) set up for log management

□ **Organization:** iBASEt India Software Pvt. Ltd. (Previously known as Orbit Technologies), Ahmedabad, Worked on Product Solumina

- iBASEt is a product based company in the Manufacturing domain. We are providing MES & MRO solutions that are used on the shop-floor of large manufacturers like Airbus France, Belgium Engine Center, Cirrus Aircraft, Earlens, Jabil etc.
- I was working as an Offshore software engineer, to customize products based on customer requirement and integration methodology. I closely worked with France and Belgium clients on their new design approach as well as fixing technical problems and performance issues to make the system robust.
- My key responsibility was to understand the newly provided design for enhancements and implement them in the current product using Java, JDBC/Hibernate, Spring Framework, PL/SQL. Also, Implemented interfaces (Business Integration Services-BIS) to communicate Solumina to other ERP/PLM systems through JMS. I have also written Junit test cases to achieve maximum code coverage.

Technology used: Java 7, Junit, Active MQ, Mule, GIT Jira, Maven, SonarQube for code coverage, SQL server, Oracle

□ **Organization:** StayinFront India Pvt. Ltd, Gandhinagar, Worked on CRM

- Stayinfront is a product based company in the Consumer goods and Life science domain. CRM products provide Sales Force Automation solutions in consumer goods and simplify sales reps' target in Life science.
- I was working as an Offshore Business Model Engineer, as a developer I worked on import-export data interface as well as web services in different forms like xml, CSV, txt etc. using Java, vb script.
- Implemented KPI features from functional spec, unit test it and update the technical support document for KPI features.
- Daily communication with the US client to discuss the status of the work and to get feedback for the delivered build

Technology used: Java 7, Junit, Active MQ, Mule, SVN, Jira, Maven, SQL server, Oracle

Personal Details

- **Date of Birth** – June 19th, 1992
 - **Permanent Address** – B-129/3091, G.H.B., Near Last Bus stop, Meghaninagar, Ahmedabad – 380016. Gujarat, India