

MOHIT KUMAR AGRAHARI

CAREER SUMMARY Mohit Kumar Agrahari is a software engineer with 3 years of professional experience in Capgemini. He is passionate back-end developer who loves to solve scathing issues of real world software. He is able to utilize and apply his knowledge, to fulfill organizational goals. He has experience in working with multiple teams in different technology stacks.

SKILLS /ABILITIES

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| Languages | : Java, Python |
| Frameworks | : Spring MVC, SpringBoot, Spring Data JPA, Hibernate, Flask |
| Web Technologies | : JavaScript, HTML, CSS, Bootstrap |
| Database | : MySQL, PostgreSQL, Cassandra |
| Tools | : Spring Tool Suite, IntelliJ, PyCharm, Eclipse, Visual Code Studio, Git, SVN, Jenkins, Confluence, FlowDock, Rally, Redmine |

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| EXPERIENCE | <p>SOFTWARE ENGINEER, CAPGEMINI</p> <p>Client- GE POWER</p> <p>Project: OPM</p> <p>Duration: September 2017 to Till Date</p> <p>A solution for power industry which provides platform for analytic execution, predictive and descriptive analytics for assets and real time asset management and monitoring.</p> <p>Role: Software Developer</p> <p>Responsibilities:</p> <p>Deployed on client location to work with client for requirement gathering and for better project design and quality.</p> <p>As a part of this project I was responsible for the development of Java Spring Boot RESTful microservices for communication between java and python applications.</p> <p>Designed and developed Java based multithreaded microservices 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.</p> <p>Developed multithreaded java component that can be used for data transfer to and from timeseries database.</p> <p>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.</p> <p>Developed Analytic Execution Platform using Python as programming language and Flask as framework.</p> <p>Created own time-series database using Cassandra NoSQL database and KairosDB as a wrapper for Cassandra.</p> <p>Explored and integrated Grafana tool with the project for non-technical personnel.</p> |
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Written JUnit test cases for developer level unit testing.

Got appreciated and a certificate in response by client for excellent contribution towards product quality and release.

Got a great experience and technical knowledge while working on client location.

Tools and Technologies:

Java, SpringBoot, Python, Flask, Spring Data JPA, Spring Scheduler, PostgreSQL, Cassandra, KairosDB, Cloud Foundry, Grafana, Spring Tool Suite, PyCharm, PgAdmin, Git, Jenkins, Rally, Confluence, FlowDock

SOFTWARE ENGINEER, CAPGEMINI

CLIENT- GE DIGITAL

Project: Installation Lifecycle Management

Duration: June 2016 to September 2017

A digital representation of physical asset's life cycle. It Provides Asset Data Visualization, Operational Intelligence & Assistance on Survey, Installation & Audits.

Role: Software Developer

Responsibilities:

Requirement gathering by interacting with the client and consolidating and verifying the requirement from client.

As a part of this project I was responsible for developing RESTful microservices using Java Spring Boot framework

Developed standalone application for automating flow of the data from MSSQL database to PostgreSQL database that run on OSGI container.

Development of analytics component for scheduling and orchestrating services using spring scheduler and Predix Analytics Framework.

Application deployment in Cloud Foundry and Code versioning using Git.

Got appreciated and recognized by the customer and organization for putting effort in the development of analytic component all alone.

Tools and Technologies:

Java, SpringBoot, Spring Data JPA, Spring Scheduler, PostgreSQL, Predix UAA, Predix Asset Services, Predix Analytics Services, Predix Machine, Cloud Foundry, Spring Tool Suite, PgAdmin, Git, Jenkins, Rally, Confluence

SOFTWARE ENGINEER, CAPGEMINI

CLIENT- GE DIGITAL

Project: DevOps Enabler Platform

Duration: November 2015 to May 2016

DevOps (a clipped compound of "Development" and "Operations") is a software development and delivery process that emphasizes communication and collaboration between product management, software development, and operation professionals.

Role: Software Developer

Responsibilities:

As a part of this project I was responsible for developing microservices using Java SpringBoot Framework.

Developed frontend which shows the reports generated from testing tools.

Developed microservices to interact with Jenkins and other testing tools.

Created dashboard for viewing all the stages of an application from which it went through.

Written a reusable email-service which can send notifications to application owner, details about the application stages.

Designed database schema and relationships among tables.

Application deployment in Tomcat server and Code versioning using SVN repository.

Tools and Technologies:

Java, Spring MVC, JDBC Template, MySQL, Tomcat 7, Spring Tool Suite, MySQL Workbench, SVN, Jenkins, RedMine

| EDUCATION | Course | College | Year of passing | Percent/CGPA |
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| | B.Sc.I.T. | Ramniranjan Jhunjhunwala College | June 2015 | 75% |
| | H.S.C. | Ramniranjan Jhunjhunwala College | March 2012 | 74% |
| | S.S.C. | H.B.V.M. High School | March 2010 | 89% |

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| CERTIFICATES/ REWARDS | IGATE level-1 Training in J2EE. Predix Certification [Certified Predix Developer by GE] POB award for Jan –March quarter in 2016 POB award for Jan –March quarter in 2017 Innovation Certificate for Predix-UAA and Microsoft ADFS Integration Participation award in White paper competition on Big Data[Hadoop] |
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