

# ABHIJIT VISHWAKARMA

**Title:** Senior Software Engineer  
**Location:** Mumbai, India  
**Languages:** Hindi(Native), English(Fluent)  
**Contact No.:** 8097394203  
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## Experience Summary

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Abhijit Vishwakarma is a Senior Software Engineer with around 2 years of professional experience in software industry. He is able to utilize and apply his knowledge, to fulfill organizational goals and able to work with team and individuals. He has the ability to understand and implement a complete use case and also identify if required. He has worked on backend and front-end development.

### KEY SKILLS:

- **Functional:** Team Leader, Strategic/Tactical Planning, Excellent Communication and Interpretation skills
- **Technical:** JAVA, Spring Boot, Python, HTML5, JavaScript, JSON, CSS, AngularJS, PolymerJS

## Experience

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<b>01 Type of Industry:</b>	DevOps Enabler platform enhancements
<b>Project Description:</b>	<p>A Capgemini solution to mandate DevOps practices and increase the efficiency of code and deliverables through an enabler platform.</p> <p>It allows user to onboard their applications and run various tests on them without having to run Jenkins every time.</p> <p>Project developer and manager can see the quality of the code and performance of the application against various tools like Sonar, JMeter, Selenium, Yasca, etc.</p> <p>Platform also enables the user to deploy the application on cloud or on Tomcat if the required quality check is achieved.</p> <p>All the parameters for Jenkins and other tools are taken by the Enabler platform and provided to Jenkins for configurations.</p>
<b>Role/Title:</b>	Microservice Developer / Lead
<b>Project Duration:</b>	April 2018– Current 2018

**Responsibilities:** Create Use case diagram for the platform.  
Designing and development of the microservices that communicates with Jenkins for operation.  
Development of microservices for maintaining the application data.

**Operating Systems:** Windows

**Software / Languages:** Spring Boot, PostgreSQL

**Special Tools:** STS, Visual Studio Code

**02 Type of Industry:** Connected Container

**Project Description:** A Capgemini IIOT solution to track and monitor the condition of the asset by leveraging the power of Predix.  
It Provides a solution to track the transporting asset and provide a view using Predix Seed App.  
The data collected and transmitted to Predix Timeseries by Predix machine by making use of MQTT server.  
Predix Analytic is used for monitoring Timeseries data and determine an alert based on specified criteria's.

**Role/Title:** Product Owner

**Project Duration:** April 2017– April 2018

**Responsibilities:** Designing and budgeting of the Idea.  
Developing of a working model for COE which included Hardware device to be mounted inside container, Line Follower Truck to demonstrate Container movement and landscape designing.  
Development of RESTFUL webservice to send and fetch data from Postgres and Timeseries DB  
Hardware configuration which includes Raspberry setup and configuration, NodeMCU, Sensor configuration, Arduino sketches to read sensor.  
Responsible for UI designing.  
Development of web app using AngularJS, Polymers.  
Leading team to develop the solution  
Demo's and presentation

**Operating Systems:** Windows, Raspbian

**Software / Languages:** PolymerJS, Spring Boot, HTML 5, Predix Timeseries, Postgres, Raspberry-PI, Python, C, SVN

**Special Tools:** STS, Arduino-IDE, Visual Studio Code

### 03 Type of Industry

#### Digital Safety

##### Project Description:

A Capgemini IIOT solution to track and monitor the condition of the contractors on a mine field by leveraging the power of Predix.

It Provides a solution to track the transporting contractors and provide a view using Predix Seed App.

The data collected and transmitted to Predix Timeseries by Predix machine by making use of MQTT server.

Predix Analytic is used for monitoring Timeseries data and determine an alert based on specified criteria's.

We can capture the in and out timing of the contractor, his/her movements, send notification and alerts.

##### Role/Title:

UI Developer

##### Project Duration:

September 2016 – April 2017

##### Responsibilities:

UI Developer of a team with 4 members.

Set up the application on AngularJS.

Implemented complex UI solutions.

Created angular service for different project stages restful call

Developed a microservice to ingest data into timeseries; to help gps data from wearable device to ingest into timeseries.

##### Operating Systems:

Windows

##### Software / Languages:

AngularJS, JavaScript, HTML5, CSS3

##### Special Tools:

Visual Studio Code

## Training, Certifications & Affiliations

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Completed training of:

1) Behavioral training's:

- a) How others see us
- b) Presentation Skill
- c) Email Communication

2) Technical training's:

- a) HTML5
- b) JavaScript
- c) AngularJS
- d) Angular 2.0
- e) Predix 2.0
- f) Spring Boot
- g) PostgreSQL

## Published & Presented / Awards

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Appreciation certificate for Batch Topper in L1 Training in J2EE.  
Excellence in Customer Delivery Q3 - 2017.  
Pat on the back Q3 – 2017.

## Higher Education

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- ✓ Bachelor in Electronics and Telecommunications Engineering (BE (EXTC)) –. (2012-2016) St. Francis Institute of Technology (7.96 CGPA)
- ✓ Royal College of Arts, Science and Commerce (HSC, CS), (2009-2011) (86.67%)