

# Harikrushna Vanpariya

## Software Engineer II

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### Skills

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Java, Hadoop, Eclipse RCP, Spring Boot, Akka, MongoDB, EMF, Graphiti, GEF, Hibernate, Struts, Teneo, OSGi, XML, Data Structure, Algorithms, Architecture, Linux, Solaris, Shell Scripting

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### Experience

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#### Digital Insight (NCR)/ Software Engineer II

MAY 2016 - PRESENT, BANGALORE

##### Slack Bot

- This bot will monitor various systems and report on failure of the system or new change request will be received.
- *Technology* : Slack, API, Java
- *Role* : Developer, Architect

##### Push Notification

- This tool is based on REST Api with HTTP 2.0 support. It forward the notification to different mobile platform e.g. GCM (Android) and APNs (iOS). It perform the task in Async (using AKKA)
- *Technology* : Spring Boot, Akka, Undertow, REST, Spring Data, MongoDB, Angular JS
- *Role* : Developer, Architect

#### Aricent Technologies / Technical Leader

SEPT 2014 - MAY 2016, BANGALORE

##### Trace Tool with Hadoop

- This tool reads the packets and parse through Map Reducer. Map reduce can also decode the data. On analyzed data, it performs the Filtering.
- *Technology* : Core Java, Hadoop, Mapper Reducer, Linux
- *Role* : Developer, Architect

##### Trace Tool

- This tool is designed to read data from specific hardware and decode it. After Decoding, apply filters and other operation on the data.
- *Technology*: Eclipse RCP, Core Java, EMF, JFace
- *Role* : Developer

##### Profile View Graphical

- Trace tool interact with the Hardware and get details about the internal chip information. The same information will get displayed graphically (using Graphiti). User can update the information.
- *Technology*: Eclipse RCP, Core Java, EMF, JFace, Graphiti
- *Role* : Developer, Architect

## **CISMA Consultants ( client : Qualcomm) / Staff Software Engineer**

JULY 2013 - SEPT 2014, BANGALORE

### **SoC Integration Tool**

- It is the plug-in to centrally manage the data which are used by all the plug-ins. This plug-in will also store the dependency and it will notify the respective plug-in on any change.
- *Technology:* Core Java, Hibernate, Teneo, OSGi, EMF, Ecore, JFace, Ecore, XML, Sonar, JaCoCo, Maven, Linux, Solaris
- *Role:* Create DB connectivity with Ecore, Design Ecore, Integrate Apps to platform, Code quality and Code Coverage validation

## **STMicroelectronics / Sr. Software Engineer**

JULY 2010 - JULY 2013, NOIDA

### **Pin List Automation System**

- Automate the pad ring creation in chip designing. This tool includes multiuser environment. It is strongly attached and depended on XML based structure for high scalability. File system structure based architecture was used instead of DB.
- *Technology:* Java, Eclipse RCP, JFace Design , SVN, XML, Sonar, Emma Achievement: Introduce the Eclipse RCP ,Linux, Solaris, Shell Scripting
- *Role:* Architect, Design, Developer

### **Distribution Request Tracking**

- It manages the request from different team with different configuration of chip. As per the request and type of user, the chip data will be delivered.
- *Technology:* Java, Struts, Hibernate

### **Generator Request Tracking**

- It manages the request from different team with different configuration of chip. As per the request and type of user, the chip data will generate the Memory chip and run the post procession.
- *Technology:* Java, Struts, Hibernate, Shell Programming

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## **Education**

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### **NIRMA University / M.Tech Computer Sci and Engg**

AUG 2008 - MAY 2010, AHMEDABAD

### **Dharmsinh Desai University / B.E. Computer Engg**

AUG 2004 - MAY 2008, NADIAD

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## Certification

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- Hadoop Development
  - Physical Design using Cadence Encounter
  - Python Programming Development (Certificate)
  - Attended Liotrox framework training
  - Perl Development framework training ( at France )
  - Cloud computing foundation certified (by EXIN)
  - Top 15 in Intel Embedded Challenge '10 organized by Intel
  - Participated in INVITE '09 by IBM