

# Vaijyant Tomar

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## WORK EXPERIENCE

### **Infosys Ltd. (Pune, India)**

Systems Engineer

July 2015 – December 2016

- Responsible to update and create Perl scripts, manage and update PowerCenter mappings, update database stored procedure, updating application GUI using PowerBuilder and, monitoring jobs deployed on AutoSys.
- Received training in Business Intelligence tools – Informatica PowerCenter 10.1, IBM Congos, and Tableau.

### **Infosys Ltd. (Mysore, India) (Internship)**

February 2015 – June 2015

- Responsible for creating GUI and structuring the web app, writing backend code in PHP to accomplish business logic, documenting test cases in excel file and creating a report in Word document format.
- Received training in Open Source Technologies – Java, Unix, PHP, MySQL.

### **Indian Institute of Remote Sensing (Dehradun, India) (Internship)**

May 2014 – July 2014

- Developed Multi-Modal Road Transport System for Dehradun City using Open Source Tools – ArcGIS and OpenStreetMap.

## PROJECTS

- *Speech Sentiment Analysis* extracting human emotion from human speech in English language.
- Developed *Android applications* like Calculator, WordSearch, Contacts, Music Search, Movie Search, Course Manager, Social App, Location Tracker.
- Developed Python WebApp titled *University portal*. Django framework and MySQL database were used for the application development.
- Implemented LRTA\* Algorithm for robot motion planning. To simulated robot motion, the algorithm was implemented in a Java Swing application.
- Developed Java J2EE web application titled *Notes* to share class notes with my classmates (2014).

## TECHNICAL SKILLS

<b>Languages</b>	Java, C, Python, C#, Perl, PHP, R, SQL	<b>Machine Learning</b>	Pandas, Scikit-learn, NumPy, Matplotlib
<b>Framework</b>	Bootstrap, jQuery, Django, .NET	<b>Web Technologies</b>	JSP, HTML, CSS, JavaScript
<b>Server</b>	Apache Tomcat, IBM WASCE	<b>Operating System</b>	Windows, Mac OS, Ubuntu
<b>Enterprise Data Integration</b>	Informatica PowerCenter 10.1, SSIS	<b>Reporting Tools</b>	Tableau, IBM Cognos
<b>Version Control System</b>	Perforce P4V, GitHub	<b>Mobile Development</b>	Android, Google Maps API, Firebase
<b>Database</b>	MySQL, Sybase, SQL Server	<b>Project Management</b>	JIRA, Agile
<b>IDE</b>	Android Studio, Spyder, PyCharm, IntelliJ IDEA, Eclipse, NetBeans, Visual Studio, Microsoft R, PowerBuilder	<b>Others</b>	PuTTY, ArcGIS, OpenStreetMap, pyGame, pyAudioAnalysis, AutoSys

## EDUCATION

### **Master of Science in Computer Science**

May 2018

University of North Carolina Charlotte, Charlotte, North Carolina

3.9/4.0

### **Bachelor of Technology in Computer Science & Engineering with Honours**

July 2015

Dehradun Institute of Technology, Dehradun, Uttarakhand, India

80.36/100