

# Bharath Paturi

Research Associate, DCAL - IIM

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Seeking an opportunity that allows me to create technological and business impact.

## Summary

10+ years of total IT experience.  
Expertise in Python, R, Apache Spark and Machine Learning.  
Passionate leadership, collaborative team work.  
Worked on building predictive models using R and python. Successful deliveries under strict timelines.

## Experience

### **Data Centre Analytics LAB, IIM-Bangalore** **Research Associate, 2016 – Current**

Currently working with companies like VMware, TVS Motors, Micro-Mortgage firm and BMTC to help in understanding their data and build predictive modeling techniques to solve their business problems.

### **CISCO Systems, Bangalore** **Technical Lead, 2012 - 2016**

Designing & implementing set-top box client Software for snowflake products.  
Active involvement in code & design review to deliver quality code.

### **Adobe Systems, Bangalore** **Mobile & Devices Engineer, 2010-12**

Porting Flash runtimes to mobiles and devices. Certifying devices, enterprise support and troubleshooting, direct interaction with customers.

### **Hewlett Packard, KS – USA** **Systems Engineer, 2008-09**

Development of billing application in healthcare domain using C++, Oracle & shell scripting.

## Education

### **BE - Computer Science, 2006**

Anna University, Arunai College  
aggregate 70%

### **SSC (12<sup>th</sup>), 2002**

MPC - State Board of Andhra Pradesh  
aggregate 86%

### **HSC (10<sup>th</sup>), 2000**

Bharatiya Vidya Bhavan- Hyd, CBSE  
Aggregate 82%

## Professional Skills

- Statistical Analysis of data using R.
- Building predictive models by constructing machine learning pipelines on big-data ecosystems like Apache Spark.
- Worked extensively in python ecosystem using scientific libraries like pandas, numpy and scipy.
- Good understanding of machine learning algorithms to deal with high dimensional data and has deep understanding of advanced modeling techniques like shrinkage techniques and ensemble methods.

## Interest

Artificial intelligence and Reinforcement learning.

Graphical Models.