

# Raju Singh

singh.raju@msn.com | 997.211.8300 | IEEE ID: 93574981

## SKILLS

### PROGRAMMING

Python, C  
Datastructure,  
JavaScript, HTML, CSS,  
Cryptography

### MATHEMATICS

Linear Algebra  
Statistics and Probability

### MACHINE LEARNING

Machine Learning  
Vector Analytics  
Data Procession and visualization (at scale)  
Natural Language Processing

### SOFTWARE

Cloud Services (AWS, GCP, Azure)  
Web Application – Apache, Nginx, Tomcat  
Git and Github  
Elasticsearch, kibana  
MySQL

## EDUCATION

### MCS: COMPUTER SCIENCE

ARIZONA STATE UNIVERSITY  
2018-2020 | Tempe  
Ira A. Fulton Schools of Engineering

### BUSINESS ADMINISTRATION

IIM LUCKNOW  
2012-2013 | India, Lucknow  
PG

### BE, COMPUTER ENGINEERING

UTKAL UNIVERSITY  
June 2005 | India, Rourkela  
Graduate

## EXPERIENCE

### SOFTWARE DEVELOPER (DATA SCIENCE)

June 2015 – Present

- Built **explanatory linear regression model** for **Product Team** to identify the types of co-related code changes
- Scraped, cleaned, and assimilated bitbucket commit data as inputs to **code change impact prediction model**

### IRI | SOFTWARE DEVELOPER

Nov 2014 – Feb 2015

- **Deep Neural Network**
  - Led product development of SAAS infrastructure mapping prototype, IRI and developed custom **maps** to market product's capabilities
  - IRI forecasting projects, business trend analysis, bigdata churning with MapR.

### AMAZON INC. | SYSTEM ADMINISTRATOR

Feb 2013 – Aug 2014

- Recommendation Systems
- AWS Fault Recognition System.

### AURIONPRO SENA | RESEARCH ASSISTANT

Jan 2011 – Feb 2012

- Business Analyst for statistical business modeling, forecasting.

### HEWLETT PACKARD | IT CONSULTANT

Jan 2009 – Dec 2010

- Developer in various projects, analytical study of HP product trending, competitive analysis.

### LENOVO | WORLD WIDE TEST ENGINEER

Nov 2007 – Jan 2009

- Software Test Engineer.