Raju Singh

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SKILLS

PROGRAMMING
Python and iPython Notebook
C, Datastructure
JavaScript, HTML, and CSS

MATHEMATICS
Linear Algebra
Statistics and Prbability

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 2018
- Recommendation Systems
- AWS Fault Recognition System.

AURIONPRO SENA | Research Assistant
Jan2011 – 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.