Shivakant **Singh**

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Undergrad

M.S Ramaiah Institute Of Technology   *Bangalore,Karnataka*
BE in Computer Science   *July 2013 – June 2017*
GPA: 8.97

Professional Experience

Reckrut.com   *Bangalore,Karnataka*
Intern   *April 2015 – July 2015*
- Designed a parsing algorithm to parse the resume of a candidate and calculate percent match with the JD
- Created a module for interacting with candidates using Twilio's API

TravelSpends   *Bangalore,Karnataka*
Intern   *September 2016 – November 2016*
- Predict and minimise the losses incurred by MNCs
- Visualising the trend of losses using R and its libraries

Cisco Systems   *Bangalore, Karnataka*
Intern   *January 2017 – June 2017*
- Built a tool for monitoring CI/CD pipeline within the entire Cisco IT using Java,Spring and MongoDB.
- Built a POC to track the activities of an employee and send the same to their reporting manager, using RFID, Python and Twilio API.

Cisco Systems   *Bangalore,Karnataka*
Software Engineer - Grade 004   *Aug 2017 – June 2019*
- Wrote backend modules for a high priority budget management tool in Spring-Hibernate framework.
- Developed an end-to-end analytics dashboard for a unified Smart Licensing portfolio. Was also responsible for automating the Splunk queries which monitored the health of Smart Receiver, using Splunk Natural Language
- Captured data for the number of Code Reviews done using GIT using NoSQL queries on a Mongo Client, and analysed it using R
- Built a system to depict the status of services used by our customers using Django Framework

Cisco Systems   *Bangalore,Karnataka*
Software Engineer - Grade 006   *July 2019 – Present*
- Currently working on developing LDAP Auth modules in Apache Kafka

Skillset

Programming Languages: Java, C++, Python, JavaScript/NodeJS, R, C
Frameworks: Spring, Django, Express.Js, AngularJS
Databases: Apache Cassandra, Oracle, MySQL, Redis
Messaging System: Apache Kafka
Data Science: Machine Learning
Architecture: REST , MVC (Model-View-Controller), MVT (Model-View-Template)
Computer Science: Algorithms , Data Structures, Discrete Mathematics, Operating Systems and Databases

Academic Projects

Predictive Analysis of Stock Market - Machine Learning   *R Programming Language, ARIMA, ANN*

Used National Stock Exchange's data to train and predict stock prices, using Time-Series Modelling

Student Information System   *C++, Priority Queues - Data Structure, Graph Algorithm*

This was a portal for students to access their records including Attendance, Scores and Upcoming Events

Blue Balls

CORONA SDK, Lua Programming Language

A ONE-PLAYER GAMING APP WITH THE GOAL OF SAVING THE BLUE BALL FROM BEING DESTROYED

Question Categoriser

R, NLP, DFA

THIS PROJECT PARSED AND CLASSIFIED QUESTIONS IN AN EXAMINATIONS INTO DIFFERENT LEVELS

Achievements

June 2017	**Best Intern Project**, Bagged first prize for building a system which monitored the usage of different Continuous Delivery tools across Cisco IT	*Cisco Systems*
November 2015	**Best Executed**, Recognized for building a tool which calculated the roots of a biquadratic equation	*IBM*
January 2018	**Innovate Everywhere**, Awarded for analysing the coverage of the process Code Review, across different Source Code Management tools	*Cisco Systems*
June 2014	**Top 100**, Achieved rank 55th on Project Euler's portal	*Project Euler*
May 2014	**Coding Challenge**, Came 3rd in Asia-Pacific contest organised by HackerEarth	*Hackerearth*