

# Suraj Patro

India



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## Summary

A Skilled Programmer with a demonstrated history of working in the R&D Community and writing secure code.  
An ardent Mathematician, proficient in Problem Analysis & Solving.

Skilled in C, C++ (with STL), Java & Java EE, Python, Haskell, Scala, SQL;  
Data Structures & Algorithms for computation in Parallel and Distributed Environments;  
Database Systems: Oracle, MongoDB, PostgreSQL, other SQL & NoSQL.

An aspirant in Data Science, Expert Systems, Machine Learning, Deep Learning, Artificial & Swarm Intelligence.

Robotic Process Automation Tools : Automation Anywhere, UIPath;

Business Intelligence Tools: Tableau, PowerBI;

Proficient in Data Science Skills:

- Data Engineering
- Importing & Cleaning Data
- Data Manipulation
- Data Visualization
- Probability & Statistics
- Machine Learning
- Applied Finance
- Reporting
- Case Studies
- Management
- Theory

According to my AMCAT score, I am employable for the following profiles: Software Engineer - IT Services, Associate ITES/BPO.

## Experience



### Data Analytics Consulting Virtual Internship

KPMG

Aug 2020 - Aug 2020 (1 month)

Completed practical task modules in :

- Data Quality Assessment.
- Data Insights.
- Data Insights and Presentation.



### Software Engineering Virtual Experience

JPMorgan Chase & Co.

Aug 2020 - Aug 2020 (1 month)

Completed practical task modules in :

- Establishing Financial Data Feeds.
- Frontend Web Development.
- Data Visualization with Perspective.



### **ICPC Regionals Participant; Team Leader**

ICPC - International Collegiate Programming Contest

Oct 2019 - Dec 2019 (3 months)

ICPC Regionals Qualifiers for Asia-Pacific Region.

## **Education**



### **National Institute of Science and Technology (Autonomous, NBA and NAAC Accredited)**

B.Tech. (Honors), Computer Science & Engineering

2017 - 2021



### **Khallikote Junior College**

Intermediate - Science, Junior High/Intermediate/Middle School Education and Teaching

2015 - 2017



### **St Vincent's Convent School**

Matriculation, Junior High/Intermediate/Middle School Education and Teaching

2007 - 2015

## **Licenses & Certifications**



### **Cloud Computing Workshop Participant - Indian Institute of Technology, Kharagpur**

TSP66026



### **Mega Cansat Workshop Participant - Space Development Nexus - SDNx**



### **British English Council - Cambridge Assessment English**



### **Introduction to ORACLE 11g:SQL [Exam # 1Z0-047] - National Institute of Science and Technology (Autonomous, NBA and NAAC Accredited)**

NIST/ORA-2018/016



### **PadhAI - Deep Learning course completion - PadhAI - One Fourth Labs**

13621992



### **Python Programmer Track - DataCamp**

168,636



### **Data Engineer with Python Track - DataCamp**

168,388



**Machine Learning - Coursera**



**CV implementation using ML integrated with Docker, Python, RHEL Workshop Participant**  
- LinuxWorld Informatics Pvt Ltd



**Data Analyst with Python Track - DataCamp**

168,639



**AMCAT - Aspiring Minds**

158471250533088



**Software Development Trainee - Aspiring Minds**

12523620-166



**Data Processing Specialist - Aspiring Minds**

12523620-211



**Advanced Machine Learning Specialization - Coursera**



**Neural Networks and Deep Learning - Coursera**



**ICPCID - ICPC - International Collegiate Programming Contest**

DKLUJSA5GMSN



**Data Scientist with Python Track - DataCamp**

168,637



**Machine Learning Scientist with Python Track - DataCamp**

167,791



**Data Science for Everyone Track - DataCamp**

168,638



**Machine Learning for Everyone Track - DataCamp**

167,790



**Automation Anywhere University Essential Level Prep Courses (Engineering Students) -**  
Automation Anywhere

14533114



**Data Analyst with SQL Server Track - DataCamp**

168,587



**Python Fundamentals Track - DataCamp**

167,976



**Python Programming Track - DataCamp**

168,019



**Python Toolbox Track - DataCamp**

168,014



**Importing & Cleaning Data with Python Track - DataCamp**

167,982



**Big Data with PySpark Track - DataCamp**

168,087



**Data Manipulation with Python Track - DataCamp**

168,640



**Time Series with Python Track - DataCamp**

168,070



**Image Processing with Python Track - DataCamp**

167,719



**Data Visualization with Python Track - DataCamp**

167,992



**Statistics Fundamentals with Python Track - DataCamp**

168,133



**Marketing Analytics with Python Track - DataCamp**

168,199



**Machine Learning Fundamentals with Python Track - DataCamp**

167,984



### **Deep Learning in Python Track - DataCamp**

167,725



### **Data Structures and Algorithms Specialization - Coursera**



### **Automation Anywhere - Bot Developer - Automation Anywhere**

16368033



### **Natural Language Processing in Python Track - DataCamp**

168,083



### **Deep Learning for NLP in Python Track - DataCamp**

168,129



### **Finance Fundamentals in Python Track - DataCamp**

168,218



### **Applied Finance in Python Track - DataCamp**

168,236



### **Anaconda Skills Track - DataCamp**

167,918



### **Data Skills for Business Track - DataCamp**

168,656



### **Data Literacy Fundamentals Track - DataCamp**

167,971



### **SQL Fundamentals Track - DataCamp**

168,586



### **SQL for Business Analysts Track - DataCamp**

168,571



### **SQL for Database Administrators Track - DataCamp**

168,502



### **SQL Server Fundamentals Track - DataCamp**

168,579



### **SQL Server Toolbox Track - DataCamp**

168,576



### **SQL Server for Database Administrators Track - DataCamp**

168,496



### **Pandas Foundations - DataCamp**

12418667



### **Manipulating DataFrames with pandas - DataCamp**

12556550



### **Merging DataFrames with pandas - DataCamp**

14174240



### **Introduction to Data Visualization in Python - DataCamp**

14554290



### **Intermediate Network Analysis in Python - DataCamp**

15501704



### **Python for R Users - DataCamp**

15498356



### **Human Resources Analytics: Predicting Employee Churn in Python - DataCamp**

15498656



### **Introduction to Predictive Analytics in Python - DataCamp**

15498790



### **Machine Learning for Finance in Python - DataCamp**

15498872



### **Financial Forecasting in Python - DataCamp**

15498979



### **Python for MATLAB Users - DataCamp**

15499097



### **Working with Geospatial Data in Python - DataCamp**

15499343



**Supply Chain Analytics in Python - DataCamp**

15499562



**Working with the Class System in Python - DataCamp**

12666919



**Fraud Detection in Python - DataCamp**

15499988



**Intermediate Predictive Analytics in Python - DataCamp**

15499766



**Analyzing US Census Data in Python - DataCamp**

15500311



**Designing Machine Learning Workows in Python - DataCamp**

15500160



**Creating Robust Workows in Python - DataCamp**

15500445



**Foundations of Probability in Python - DataCamp**

15500535



**Python for Spreadsheet Users - DataCamp**

15459358



**Ensemble Methods in Python - DataCamp**

15501087



**Generalized Linear Models in Python - DataCamp**

15501192



**Analyzing IoT Data in Python - DataCamp**

15501351



**Practicing Statistics Interview Questions in Python - DataCamp**

15500870



### **Experimental Design in Python - DataCamp**

15501534



### **Command Line Automation in Python - DataCamp**

15473834



### **Practicing Machine Learning Interview Questions in Python - DataCamp**

15504115



### **Pandas Joins for Spreadsheet Users - DataCamp**

15506443



### **Predicting CTR with Machine Learning in Python - DataCamp**

15506444



### **Introduction to Statistics in Python - DataCamp**

15504128



### **Introduction to Oracle SQL - DataCamp**

15515199



### **Transactions and Error Handling in PostgreSQL - DataCamp**

15515024



### **Introduction to Git - DataCamp**

15476708



### **Introduction to Shell - DataCamp**

14870555



### **Introduction to Bash Scripting - DataCamp**

15473015



### **Conda Essentials - DataCamp**

14887081



### **Building and Distributing Packages with Conda - DataCamp**

15477565



### **Data Processing in Shell - DataCamp**



15473518



**Cloud Computing for Everyone - DataCamp**

15491825



**Introduction to Scala - DataCamp**

15474452



**Data Analysis in Excel - DataCamp**

15510177



**Introduction to Tableau - DataCamp**

15507130



**Introduction to Power BI - DataCamp**

15506825



**Software Engineering Virtual Experience Program Participant - JPMorgan Chase & Co.**

9bABWknp43xEYy6C5



**Data Analytics Consulting Virtual Internship Program Participant - KPMG**

W3zHJKeg7QRaSn7r



**Spreadsheet Fundamentals Track - DataCamp**

170,800



**Intermediate Spreadsheets Track - DataCamp**

170,796



**Finance Fundamentals in Spreadsheets Track - DataCamp**

170,808



**Applied Machine Learning Course - Applied AI Course**

## **Skills**

Programming • Data Science • Research and Development (R&D) • Cybersecurity • Research • Artificial Intelligence (AI) • Machine Learning • Data Analysis • Data Mining • Data Warehousing

## **Honors & Awards**



**ACM - ICPC Asia Pacific Regionals - ACM**

2019

<https://icpc.global/ICPCID/DKLUJSA5GMSN>