

Suraj Patro



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<https://suraj-patro.github.io>

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



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 AI Course - Applied Machine Learning Course - Applied AI Course

Skills

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

Honors & Awards



ACM - ICPC Asia Pacific Regionals - ACM

2019

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