

APOORV KOTNALA

DATA ENGINEERING
CODER | CYBER SECURITY

PERSONAL SUMMARY:

A competent Data Engineer looking for an opportunity to be a part of an esteemed organization. Experience with data warehousing, building data pipelines, orchestrating data pipelines and ETL process.

SPECIALIZATIONS:

C C++ Python MS Excel
SQL NoSQL Apache Airflow
Apache Hadoop Apache Hive
Apache Spark Apache Beam
GCP DataFusion GCP DataProc
GCP BigQuery GCP Composer
GCP Dataflow GCP Dataplex
Data Governance Data Security

GET IN TOUCH!

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WORK EXPERIENCE:

SEARCH COSOURCING SERVICE PVT. LTD.

Data Engineer | June 2022 - Present

Worked on Data Engineering technologies on GCP cloud environment.
Created robust data pipelines using various GCP tools like Data Fusion, Data Flow, etc. as per various client's requirements.
Created and managed terabyte sale data on Big Query Data Warehouse.

ACCENTURE SOLUTIONS PVT. LTD.

Associate Data Engineer | Feb 2021 - May 2022

Worked on Data Engineering technologies on GCP cloud environment.
Built reusable data pipelines using GCP Data Fusion to store data into GCP BigQuery and orchestrated pipelines using GCP Composer.
Worked on various data sources like SQL, NoSQL, Files, etc.

MEDIA IS YOU BROADCASTING PVT. LTD.

Cyber Security Intern | Jun-Jul 2019

Hands on experience in conducting web application vulnerability assessment and penetration testing using both open source and proprietary tools such as Burp Suite, ZAP, SqlMap, etc.

DEFENSE RESEARCH AND DEVELOPMENT ORGANIZATION

Cyber Security Research Intern | Jun-Jul 2018

Security Analysis of Web Applications and Operating Systems. Hands on experience in finding vulnerabilities in network, OS and web apps.

ACADEMIC HISTORY:

MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

B.Tech. in Computer Science Engineering | 2016-2020

Graduated with 7.67 CGPA.

THE AIR FORCE SCHOOL

CBSE Board | 2014-2016

10+2 - 91.2%.

10th - 9.8 CGPA.

RESEARCH PAPER:

Obfuscation Based Security Protocol for Wireless Network

Research work published in "International Conference on Innovative Computing & Communications (ICICC) 2020".

Paper available at SSRN: <https://ssrn.com/abstract=3643489>.

PERSONAL PROJECTS:

- Cryptography Tool

Cryptography tool coded in python3 for Linux CLI terminal where a user can both encrypt and decrypt a message using many cryptographic techniques like Caesar, Vigenere, Affine, DES and RSA.

- Drone Flight Simulation

Team project based on Real Time Flight Simulation of Drone. Worked with ROS and V-REP using python and lua.

CERTIFICATIONS:

GCP PDE - Google Cloud Platform Professional Data Engineer

Link: [click here](#).

GCP ACE - Google Cloud Platform Associate Cloud Engineer

Link: [click here](#).

Google Data Analytics

Link: [click here](#).

ACHIEVEMENTS AND INTERESTS:

- GATE 2020 qualified.
- Semi-finalists in e-yantra 2018.
- Member of Music Society of MAIT: Affinity.
- NGO Member: Leaders For Tomorrow (LFT).