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++	Java	Python	Excel
SQL	NoSQL	Apache AirFlow	
Apache Hadoop		Apache Hive	
Apache Spark		Apache Beam	
GCP DataProc		GCP DataFlow	
GCP DataFusion		GCP DataPrep	
GCP BigQuery		Tableau(Viz)	

GET IN TOUCH!

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🌐 https://apoorvkotnala.github.io/

in https://www.linkedin.com/in/apoorvkotnala

 https://github.com/apoorvkotnala

WORK EXPERIENCE:

APPLICATION DEVELOPMENT ASSOCIATE

Accenture | Feb 2021 - Present
- Worked on Data Engineering technologies and GCP cloud environment.
- Standard tasks include building robust data pipelines using GCP DataFusion, GCP BigQuery and orchestrating pipelines using GCP Composer(Apache Airflow).
- Worked on database technologies like MySQL, NoSQL, etc.

INTERNSHIPS

Media Is You Broadcasting Pvt. Ltd. | Jun-Jul 2019
- Vulnerability Assessment and Penetration Testing.
- Hands on experience in conducting web application penetration testing using both open source and proprietary tools such as Burp Suite, ZAP, SqlMap, etc.

Defense Research and Development Organization | Jun-Jul 2018
- Security Analysis of Web Applications and Operating Systems.
- Hands on experience in finding vulnerabilities in network, OS, Protocols, IoT, NMAP, python scripting and knowledge of OWASP Top 10.

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:

Google Data Analytics
Google Certified Data Analyst.
Link: https://coursera.org/share/8a38128cd6f99bca7fec7644ed91006c .

ACHIEVEMENTS AND INTERESTS:

- GATE 2020 qualified.
- Semi-finalists in e-yantra 2018.
- Member of Music Society of MAIT: Affinity.
- Coordinator in college Annual Fest 2017.
- NGO Member: Leaders For Tomorrow (LFT).