

Akhil Muraleedharan

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Education

2019-2023
B.TECH., CSE
National Institute of Technology, Rourkela,
India
CGPA : 8.54/10

MAY 2019
INTERMEDIATE
Our Own High School-Al Warqa'a, Dubai, U.A.E
Percentage: 93.6%

MAY 2017
MATRICULATION
Our Own High School-Al Warqa'a, Dubai, U.A.E
CGPA: 10.0/10.0

Links

Portfolio:// ak-heel/myportfolio
LinkedIn:// akhil-muraleedharan-b31a84208

Skills

PROGRAMMING & SCRIPTING
Python (Data Processing, Automation),
PowerShell (System & Data Automation), SQL,
JavaScript, C, C++

DATABASES & DATA TECHNOLOGIES
MySQL, Relational Databases, Data Modeling

AUTOMATION & ETL CONCEPTS
Data Automation, Scripted Workflows, Data
Extraction & Transformation

PLATFORMS
Windows, Linux

LANGUAGES
English, Hindi, Arabic, Malayalam

Relevant Courses

Algorithms
Artificial Intelligence and Machine Learning
Automation
Data Engineering and Data Analytics
Power Bi
MySQL

Work Experience/Projects

OCTOBER 2021 Public Health and Social Measures during COVID-19 Jovian Course Project

Topic: Data Analysis

Course project built using a real-world Kaggle dataset (Public Health and Social Measures), involving data parsing, cleaning, analysis, and visualization with Python libraries including NumPy, Pandas, Matplotlib, and Seaborn.

MAY - JULY 2022 Bajaj Finserv Summer Intern

Topic: Graph Capability for DMAM

This data engineering project involved checking the validity and capability of incorporating a graph on the DMAM dataset and in turn be utilized to solve a business use case surrounding the area of Digital Propensity by using Python, Pyspark, Networkx, Numpy, Scipy, Seaborn, Matplotlib.

AUGUST 2023 - PRESENT Société Générale Software Engineer
Data Engineering & Management, Automation and Full Stack Web Development

1. Automation : Designed PowerShell scripts to automate operational workflows, health checks, and project-specific tasks, improving reliability and execution efficiency.

2. Data Engineering Operations : Automated extraction and transformation of operational metadata (paths, permissions, ownership, usage) using PowerShell for reporting and analysis.

3. Data Management : Managed NAS shared drives across EU and APAC regions, covering provisioning, access rights, Active Directory administration, and DFS.

4. Full Stack Web Development : Took on additional Full Stack Development responsibilities by designing and implementing a Flask-based 'Applicative Drive Repository' (HTML, CSS, JavaScript, MySQL) for team use.

Achievements/Certifications

MAY 2020 Introduction to Cybersecurity Cisco
Completed a course on Cybersecurity offered by Cisco Networking Academy.

OCTOBER 2021 Data Analysis with Python : Zero to Pandas Jovian
Completed a course on Data Analysis with Python : Zero to Pandas offered by Jovian.