Bharat Kumar Jain

github.com/BharatKJain | bharat.k.jain77@gmail.com | linkedin.com/in/bharat-jain-370635136/

EDUCATION

SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY

BTech in Computer Science
Batch 2017-2021 | Jaipur, Rajasthan
Affiliated to RTU, Kota
Aggregate Percentage : 70.25

MAYOOR SCHOOL

Nursery to 12th Class
Grad. May 2017| Ajmer, Rajasthan
12th Class : 87.20 percent
10th Class: 8.6 CGPA

COURSEWORK

UNDERGRADUATE

Programming
OOPS
Database Management System
Operating Systems
Data Structures and Algorithms
Basic Networking Concepts

SKILLS

PROGRAMMING

Over 5000 lines:
C • Python •
Javascript(Node.js)
Over 1000 lines:
Arduino • C++ • Shell
Familiar:
YAML • SQL

UTILITIES

Azure:
Function App • Logic Apps •
Durable Functions •
Service Bus with Function App •
AWS:
Glue • VPC
OTHERS:
Git • Github • Azure Repos •
CircleCI • Serverless •
ExpressJs • Python Flask •
Docker • Protractor

EXPERIENCE

CELEBAL TECHNOLOGIES | Intern

Mar 2020 - Present | Jaipur, Rajasthan
- Worked on solving issues with a previously built SMS delivery application, which involved sending OTPs, promotional etc. messages.(App-Modernisation with Azure)
- Worked on creating ETL job(using AWS Glue) for data-warehousing, which included daily-load from sources like Salesforce, AWS S3(csv) etc.

SCIENTIFIC ANALYSIS GROUP, DRDO | Trainee

June 2019 – July 2019 | Delhi, India
- Developed C++ based application to encrypt data in socket using QT5
- The data was encrypted using AES and RSA ciphers.
- Link to project: EncryptedSocketChat
- Documentation to project: EncryptedSocketChat

TECHNICAL PROJECTS

ETL USING AWS GLUE WITH CI/CD | Amazon Web Services

June 2020 – Present | Celebal Tech.,Jaipur
- Created a job to fetch data from AWS S3 and insert into AWS redshift.
- Worked majorly on Python Shell jobs.
- Developed basic CI/CD using CircleCI and Serverless framework for testing and deploying the code.

AZURE CREDIT MONITOR | Microsoft Azure

May 2020 – May 2020 | Celebal Tech.,Jaipur
- Triggers whenever subscription cost goes over 8500(rupees)
- Deployed using Azure Function App with timer trigger.
- Uses Azure REST APIs to gether data points such as cost as per resource groups, resource creator id, subscription type.

WEB-SCRAPING | Python

Mar 2020 – April 2020
- Built powerful scrapers for websites like Myntra, Koovs, Nykaa, Purplle etc.
- Fetched 6,50,000 products data from Myntra within 3 days(with breaks).Scrapping data rate of Myntra, Nykaa was 25 products/second with complete details.

RESEARCH

SKIT IOT LAB | Member

Jan 2020 – Present | Jaipur, Rajasthan
Worked with **Prof. Ankit Kumar** and created projects like cnc-plotter, store data of sensors to server using NodeMCU, Alexa based home-automation and other miscellanous projects using Arduino and NodeMCU.

XCELERATORS MOTORSPORTS | Member

Mar 2018 – April 2019 | Jaipur, Rajasthan
- Participated in SAE Baja,India and Enduro Student India,Pune
- Worked with fetching data from various sensors used for validation of vehicle performance, as well as live data-monitoring using Xbee and LoRa.