KARTIK CHOUDHARY

Software Developer | Python Developer | Data Scientist

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🔗 github.com/kartik416

EXPERIENCE

Software Engineer
LinkedIn

📅 November 2021 – September 2022   📍 Dublin, Ireland

- Updated old code bases to modern development standards, improving functionality.
- Provided guidance and mentored other team members.
- Collaborated with management, internal and development partners regarding software application design status and project progress.
- Coordinated with other engineers to evaluate and improve software performance and robustness.
- Coordinated efficient large-scale software deployments.
- Analyzed proposed technical solutions based on customer requirements.
- Created efficient spiders that can scrape data from multiple sources using Scrapy, cleaning and mapping the scraped data impacting millions of job data.

Associate Software Engineer
Flairlabs

📅 December 2019 – July 2020   📍 Mumbai, India

- Applications for Alexa - I performed tasks like debugging issues adding new features to existing skills.
- Researched and worked on Latex, MathJax Library, worked on creating Bridges for Native Modules, Implemented Text Editor and did some work on OCR Technology like AWS Textract, Python-tesseract and others.
- Programmed a Deep Learning Model Using Pytorch for converting image to small sized vector and then finding similarity between different images.
- Created an RPA for web scraping using UiPath which extracts data related to Alexa skills and exports it as CSV or text file.
- Wrote routines for fraud detection for performing e-KYC of offline Aadhaar documents.
- Wrote function to convert large PDF files to high DPI tiff images which consumes less storage space.

Data Science Intern
U-TO Solutions

📅 August 2019 – October 2019   📍 Mumbai, India

- Created data mining architectures and models to identify trends in large data sets.
- Created data visualization graphics, translating complex data sets into comprehensive visual representations.
- Performed advanced data extraction and data manipulation.
- Pinpointed meaningful insights from large data and metadata sources.
- Applied appropriate data science techniques to solve business problems.
- Identified, analyzed and interpreted trends in complex data sets using supervised and unsupervised learning techniques.

EDUCATION

Msc Data Analytics
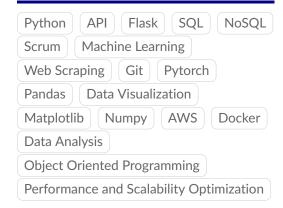**Dundalk Institute of Technology, Ireland**

📅 September 2020 – September 2021

BE in Information Technology
Xavier Insitute of Engineering, Mumbai

📅 2015 – 2019

SKILLS

Python | API | Flask | SQL | NoSQL
Scrum | Machine Learning
Web Scraping | Git | Pytorch
Pandas | Data Visualization
Matplotlib | Numpy | AWS | Docker
Data Analysis
Object Oriented Programming
Performance and Scalability Optimization

ACADEMIC/PERSONAL PROJECTS

- Text Extraction and Analysis using NLP
- Covid-19 Data Visualization.
- URL Shortner in Serverless Architecture.
- Web Scraping and API development with Beautiful Soup and Flask.
- Smart Notice Board using Raspberry pi.
- Time Series Analysis of Sales Data.

CERTIFICATIONS

- Docker for Developers by LinkedIn Learning.
- AWS Technical Essentials by AWS
- Big Data Analytics with Hadoop and Apache Spark.
- DevOps Foundations: Continuous Delivery/Continuous Integration

REFERENCES

- Avinash Permude, LinkedIn - 9986068473/apermude@linkedin.com
- Daljeet Singh Malhotra, Flairlabs - 9820261930/daljeet@flairlabs.com