📞 7989537929

✉ eswar.kalakata@gmail.com

📍 Bangalore, Karnataka, India

in www.linkedin.com/in/eswarkalakata

⌨ https://github.com/ESWARKALAKATA

Eswar Kalakata
Python Data Engineer

SUMMARY

Driven Data Engineer Well-acquainted with Pipelines, Data management, Cloud Infrastructure, Text Mining, and Python. Strong desire to move forward, face new challenges, and expand my skill set.

KEY SKILLS

• **web scrapping** • **File handling**
• **Predictive/Statistical Modelling**
• **Natural Language Processing (NLP)**
• **Data Mining** • **Data Visualization**
• **Application Development**
• **Image Processing**
• **Data Engineering**

TECHNICAL SKILLS

Languages: Python, MQL, SQL, Shell Scrip
Cloud: Azure, GCP, Digital ocean
Tools/Frameworks: Selenium, Flask, ELK Stack, Spacy, NLTK, Gensim, Regex, Git, ServiceNow, Burp Suite, Nmap, Azure Stream Analytics, Data Lake, Pandas
IDE: PyCharm, Jupyter, Azure Data Explorer, MongoDB Compass
Operating Systems : Linux, Windows, RHEL
CMS: Adobe Experience manager
Databases: MS SQL Server, Mongo DB Atlas

PROJECTS

Project 1: Interview **Automation** | **GitHub**
- The idea of End to End Talent Acquisition is implemented in with this tool
- The core components are a Document reader, Resume Phrase Matcher, Interview Slot preparation, and Email Reminder
- Different file formats such as .pdf, .csv, .docx are handled and parsed in Resume Phrase Matcher section.
- Using Round robin format, slot preparation for selected candidates will be done in the Interview Slot preparation directory.
- In the end, using the Smtplib library Email confirmation with the .ICS file will sent

Project 2: Job cards **Scraping Tool |** **GitHub**
- Used Python Selenium Web driver to scrape the Job cards from monster.in
- MongoDB Atlas is used to store the data (company name, job location, location, skills,

PROFESSIONAL EXPERIENCE

System Engineer
Tata Consultancy Services

May '21 - Present
Bangalore

Enter a one-line description of the company where you were working, with figures around revenue, geographic presence, no. of clients, etc.

- Created **Pipelines in ADF** using Linked Services/Datasets/Pipeline/ to Extract. Transform and load data from different sources like Azure SQL Blob storage. Azure SQL Dat warehouse.
- Developed JSON Scripts for **deploying the Pipeline** in Azure Data Factory (ADF) that process the data using the SQL Activity.
- Overcame challenges like **data migration** from MySQL to MongoDB.
- **volunteered** in another team activity, Involved in developing an **ML model** for Service-Now ticket quality check
- Managed multiple MongoDB (NoSQL) database clusters. Planned and implemented backup and recovery of the Mongo databases.
- Involved in updating web application firewall **policy and rules** on **Azure Front Door**

Associate python developer
MapRecruit

Dec '20 - May '21
Hyderabad

Enter a one-line description of the company where you were working, with figures around revenue, geographic presence, no. of clients, etc.

- Deployed ML algorithms like **k-NN**, **Naive Bayes**, SVM, Random/Decision Forests, Logistic Regression, etc.
- Responsible for maintaining key Skills database and updating them timely by gathering data from multiple sources
- Involved in building **Automation scrip**t with Selenium driver for a various recruitment portal
- Developed and implemented test cases to **Automate testing** for RESTful API
- Created RESTful API using **Flask framework** to enhance filtering in the search component
- Involved in **testing Web Services** manually and creation of collections using PostMan
- Extensively used XPATH, **Regular expression**, and classes to automate scraping activity

CERTIFICATIONS/TRAINING

- DP - 203 | Microsoft Certified: Azure Data Engineer Associate| Show credential
- DP - 900 | Microsoft Certified: Azure Data Fundamentals | Show credential
- AI - 900 | Microsoft Certified: Azure AI Fundamentals | Show credential
- SC - 900 | Microsoft Certified: Security, Compliance, and Identity | Show credential
- AZ - 900 | Microsoft Certified: Azure Fundamentals| Show credential
- M001: MongoDB Basics | Show Credential
- Adobe Professional | AEM Business Practitioner | Show credential
- Edureka | Angular Developer | Show credential
- GCP | Cloud Engineering | Show credential

job description, card links)

Project 3: Incident Quality Check - **ML Model |**
GitHub

- The Machine Learning model is built to check the ticket quality of ServiceNow Incident
- The whole idea is to check whether the mentioned resolution note is correctly tagged to the resolution category
- The dataset of SNOW incidents is taken from Kaggle. Pandas, Jupyter, Spacy, NlTK, and Gensim are used in the preparation of this model

INTERNSHIPS

Cyber Security & Digital Forensics Internship
Jan '22 - Mar '22

Cyber Secured India
Remote

- *OWASP Top 10 and its fundamentals*
- *Web application penetration testing - Labs.*
- *Professional use of pen test tools (Burp Suite).*
- *Vulnerability exploitations.*
- *Professional pentest report writing.*

EDUCATION

B.Tech., Mechanical Engineering
MMM 'YY - MMM 'YY

Jawaharlal Nehru Technological University
Anantapur

Percentage achieved 68.2