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Objective:

Seeking a challenging position in the area of Python coding in Information Technology where I can utilize my technical skills that would help the organization as well as to exceed in my career to next level.

Professional Experience

- Python Developer with over 3+ years of experience in the IT industry, specializing in backend development, web scraping, data analysis, and cloud automation.

- Python Developer with over 3+ years of experience in the IT industry, specializing in backend development, web scraping, data analysis, and cloud automation.
- 2+ years of hands-on experience in Web Scraping, using tools like BeautifulSoup, Requests, and Selenium for collecting and parsing structured and unstructured data from diverse sources.
- 2+ years of experience with Flask, building RESTful APIs, authentication modules, and backend services for web applications.
- Proficient in developing interactive data-driven applications using Streamlit, enabling rapid prototyping and deployment of machine learning and analytics dashboards.
- Experienced in Machine Learning and AI, including model development using scikit-learn, TensorFlow, and Detectron2 for object detection tasks (with over 4 months of focused object detection work).
- Hands-on with R programming (7+ months), including statistical modeling and data visualization using RStudio and R Console.
- Involved in requirement gathering, data mining, web scraping, text processing, and data extraction for both structured and unstructured datasets.
- Proficient in developing data pipelines, integrating APIs, and building data-driven decision support systems.
- Strong knowledge of Object-Oriented Programming (OOP) in Python and experience with JSON, SQL, Pandas, NumPy, and data serialization techniques.
- Experience in code review and debugging, troubleshooting complex issues in Python-based applications.
- Familiar with working across multiple relational database systems, including PostgreSQL, MySQL, and MS SQL Server.
- Passionate about learning and applying AI/ML solutions in real-world scenarios and constantly upgrading skills in the data science and cloud automation space.

Key Skills		
#	Area	Skill
1	Developer	Python, MSSQL, PostgreSQL, Flask
2	Operating Systems	Windows
3	IDE	PyCharm, Jupyter, Notebook, Google Collaboratory, visual studio

Education

- M.Sc. Statistics At Acharya Nagarjuna University, Guntur.

PROFESSIONAL EXPERIENCE	

Working as a part time Python Developer At **Lyros Technologies,** Hyderabad from April 2025 to till Date.

Working as a Python Developer At **Accuracy Info Labs,** Hyderabad from November 2020 to till Date.

Worked as a R programmer at **Accuracy Info Labs**, Hyderabad from April 2020 to October 2020.

Project #4

Client: Wingspan Global Solutions					
Project Name	:	Voice Recognition			
Position	:	Python Developer			
Team Size	:	5			
Project Description	:	The goal of this project was to reduce the documentation time for doctors by automating the prescription-writing process. The application utilizes voice recognition technology to convert spoken input into structured medical prescriptions, thereby improving efficiency and reducing manual effort.			
Responsibilities	:	- Designed and developed RESTful API endpoints for user registration and login using Flask. - Implemented voice-to-text conversion functionality using AssemblyAI and integrated it with ChatGPT API for generating medical prescriptions. - Collaborated with cross-functional teams to build and test the end-to-end voice recognition pipeline. - Ensured secure API communication and implemented proper error handling and logging for production readiness.			

Project #3

Client: Cyient					
Project Name	:	City Fiber			
Position	:	Python Developer			
Team Size	:	15			
Project Description	:	CityFibre Infrastructure Holdings plc is the UK's largest independent provider of fiber infrastructure for secondary cities. The project involved building intelligent tools and automation solutions to support fiber network planning and deployment for public sectors, businesses, and residential areas.			
Responsibilities	:	- Developed backend services and APIs using Flask for data handling and system integration. - Utilized Python tools such as PyCharm, Jupyter Notebook, and Google Colab for development and prototyping.			

		• Implemented data extraction pipelines to read and write output in multiple formats including .txt, .csv, and .json.		
		• Integrated database access and performed file handling to fetch and process input data from various sources.		
		• Scraped location-based data from Google Maps and stored it in the database for further analysis.		
		• Built automation modules to detect and classify objects like telecom poles, trees, dividers, schools, and hospitals using machine learning and deep learning techniques.		
		• Contributed to preprocessing, model training, and deployment of AI-based image recognition components.		

Project #2

Client: Accuracy				
Project Name	:	Joblisting		
Position	:	Python Developer		
Team Size	:	25		
Project Description	:	Joblisting is a job portal platform similar to Monster and Naukri, where companies can post job openings and users can directly apply through the website www.joblisting.com. The project focused on automating job data collection and building a scalable backend to support job search and application features.		
Responsibilities	:	• Acted as a Team Lead, guiding a team of developers and overseeing project deliverables. • Involved in full-cycle development using Python for backend processing and automation. • Used tools like PyCharm, Jupyter Notebook, and Google Colaboratory for development and experimentation. • Developed web scraping scripts to collect job data from various job portals using BeautifulSoup and Requests libraries. • Cleaned and structured data using Pandas and NumPy for consistency and accuracy. • Stored scraped job listings into databases such as PostgreSQL, MySQL, and MS SQL Server using pyodbc for integration. • Ensured proper error handling, logging, and database indexing for optimal performance.		

Project #1

Client: Accuracy Info Labs Pvt Ltd				
Project Name	:	Smart Forecasting Engine		
Position	:	Data Analyst		
Team Size	:	6		
Project Description	:	The Smart Forecasting Engine was designed to maintain forecast accuracy between 75% and 80% by leveraging historical trends, secondary data, business inputs, and statistical forecasting techniques. The goal was to		

		generate reliable forecasts to support business decision-making in designated operational areas.
Responsibilities	:	• Designed and delivered weekly, monthly, and quarterly analytical reports based on stakeholder requirements. • Maintained detailed records of all forecasting activities and developed custom reporting tools using Excel, RStudio, and R Console. • Supported the forecasting and analysis process through data preparation, trend analysis, and performance monitoring. • Applied various time series forecasting methods including Autoregressive (AR), Moving Average (MA), Simple Exponential Smoothing (SES), and ARIMA to predict future trends based on historical data. • Demonstrated strong problem-solving skills and a continuous learning mindset to improve analytical methods and outcomes. • Collaborated with cross-functional teams to interpret business input and improve the forecast model accuracy.