

## Application Developer

# Vishnu Vamshi P

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## Profile Summary

- Dynamic and results-oriented Full Stack Application Developer with over 3 years and 8 months experience with a proven track record of delivering innovative solutions in campaign management, telecommunications, and data analytics domains.
- Specialized Expertise in developing and managing end-to-end campaign management applications, leveraging technologies such as Vue.js, Node.js, Django, MySQL, and Databricks to facilitate audience building, job execution, and predictive modeling for personalized campaign optimization.
- Proficient in Advanced Data Management Techniques, including query optimization, data partitioning, and dynamic query generation within Databricks ADLS, enhancing performance and scalability of data processing workflows.
- Strong Background in Automation and Integration, demonstrated by successfully implementing REST APIs, automation scripts for data extraction and report generation, and orchestrating complex workflows using Apache Airflow for efficient data processing and job execution.
- Proven track record in successfully managing and delivering complex projects utilizing Agile, Jira, CI/CD, and Waterfall methodologies. Adept at navigating diverse project environments and ensuring timely, high-quality deliverables.

## Skills

Tech: Python, Django, Pandas, HTML, CSS, JavaScript, VueJS, NodeJS, PySpark, Databricks, Docker, Kubernetes, Linux Operating System, Airflow, JSON, RESTful APIs, Azure, Git

Databases: Oracle, MySQL, ORM, Postgres

## Work Experience

### Landmark Groups – Application Developer (Jan 2023 – Present)

#### **Project:** Zabun (Campaign Manager)

- Developed and managing a campaign management application facilitating audience building, job execution on Databricks, and file delivery to MoEngage. And evaluate the data responses based on the performance of campaign.
- Designed and implemented frontend interfaces using Vue.js to enable user-friendly audience filtering and campaign management.
- Developed backend services with Node.js, integrating with MySQL database for data storage and retrieval.
- Collaborated with data scientists to deploy predictive models for personalized campaign recommendations and optimization.
- Utilized Databricks Jobs API for executing complex job workflows as part of campaign operations.
- Engineered a flexible architecture within the application to accommodate dynamic & complex job workflows, execution, and monitoring based on evolving campaign requirements.
- Developed a custom query builder tool within Databricks to enable users to construct and execute complex SQL queries for data analysis and segmentation.
- Implemented local testing using Minikube for Kubernetes configuration, ensuring seamless deployment with YAML files.
- Integrated Apache Airflow to orchestrate and schedule complex workflows, including data processing, job execution for the AI model-based data.
- Designed and implemented DAGs (Directed Acyclic Graphs) in Airflow to automate data pipelines and manage dependencies between tasks.
- Implemented dynamic query generation based on user-defined filters and criteria in Databricks for data retrieval.
- Managed and optimized data storage and retrieval processes in Databricks ADLS, leveraging efficient data partitioning and storage formats like Parquet for improved performance.

## Subex - Senior Software Engineer (Sept 2020 – Jan 2023)

**Projects:** STC Telecom, Tunisie Telecom, CellC, Telkomsel

- Designed, developed, configured, deployed multiple REST APIs, ensuring seamless integration with SOAP servers and CRM systems.
- Automated data extraction from Hive and Oracle databases using shell scripts, facilitating comparison between old and new systems.
- Created Django dashboard to display comparison tables, enhancing data visualization and analysis capabilities.
- Developed scripts for daily report generation, conversion to CSV format using pandas, and automated email distribution to team members.
- Managed project debugging and monitoring using Agile methodologies, leveraging JIRA for issue tracking and resolution.
- Executed Python scripts for parsing XML documents and loading data into databases, streamlining data management processes.
- Implemented SQL queries for CRUD operations and audits creation, optimizing database performance and data integrity.
- Deployed Apache Tomcat web servers on Linux platforms, supporting web application hosting and deployment.
- Assisted in environment setup, code installation, SVN implementation, and script configuration/testing/execution/deployment/monitoring.
- Ensured high-quality data collection and integrity maintenance, contributing to the reliability and accuracy of system outputs.

## Education

- Bachelor of Engineering in Electronics and Communications Engineering with a CGPA of 7.2 from Rajeev Gandhi Memorial College of Engineering and Technology (2020).
- Intermediate with an aggregate of 92% from Narayana Junior college (2016).
- Class X with a CGPA of 9.0 from St Joseph's English Medium School (2014).

## Achievements

- Received two Monthly SPOT awards for the closure on the Phase 1 & 2 development and release of Zabun
- Received Game Changer Award in Subex for completing the APIs development as per the requirement in the STC Telecom Project.
- Received The Giraffe Award in Subex for Supporting in the closure of issues in the Tunisie Telecom Project.
- Received the 'A' Team Award in Subex as a team for successfully completing the UAT of Telkomsel Project.