Nguyen Ngoc Thanh Tuyen

Data Engineer

https://github.com/tuyen-nnt/myResume
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WORKING EXPERIENCE

- **FPT Software** — Feb 2023 - Present
  Data Engineer - AVI - Data Capture
    - **ETL transform**: Process transform aircraft data then share data between Airbus and Airlines.
    - **Skywise Application Maintenance**: Follow requests to add feature or checking issue to fix applications. Deploy application for airlines.
    - **Resource Optimization**: Research optimize data transformation to help reduce disk spillage, wide transformation and decrease build time by analyzing pipeline and apply coding techniques.
    - **Study machine learning model**: Study ML models of a Skywise application that recommends water fill for flights. Write technical document for the models.

- **VNG Corp** — May 2019 - Nov 2022
  Data Engineer - Payment Data Platform — *Jul 2022 - Nov 2022*
    - **Data Collection**: Collect data from other functional teams, create processors on NiFi to consume new log.
    - **Implement API for data platform**: Implement & deploy GRPC APIs for other teams in ZaloPay to get required data on K8s and physical environment.
    - **Migration**: Migrate data between S3 and HDFS.

  Data Engineer - Prism Mobility — *Dec 2020 - Jun 2022*
    - **Data warehouse**: Add features, fix issues, create ETL pipeline transforming data to help product team make decisions and reports.
    - **Dashboard - Sale reporting system**: Maintain, fix issues and optimize data flows to provide data for customer efficiently.
    - **Data visualization**: Visualize data using Excel and Tableau for any requests.
    - **Reconciliation and quality assurance**: Work with software engineers and partners to verify data.

  Operations Executive - UniPass — *May 2019 - Dec 2020*
    - **Budget/Facilities Controller/Paperwork**: Operate the project, work closely with both cross-functional teams and clients.

- **Capgemini Vietnam** — Dec 2018 - May 2019
  Business Analyst - INDUS team

ACHIEVEMENT & PROJECT

- **Award**: Win 1st Prize of SheCodes Hackathon 2020.
- **ShortLink**: A web-app to generate full link to a shorten link.
- **BigO Green**: Elementary Algorithms Certificate

SKILLS

- **Foreign Languages**: English, French.
- **Languages**: Familiar with Python, SQL, HTML.   Experience with Java, JavaScript, C/C++.
- **Experience**: Spark, MySQL, Airflow, Kafka, HDFS, MongoDB, Elasticsearch, AWS (EC2, Lambda, API Gateway), Tableau, Jenkins, Docker, Jupyter, basic Linux commands, basic Machine learning.
- **Soft skill**: Problem–solving, Relationship-building, Adaptability, Decision-making, Fast-learning.

EDUCATION

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  ### University of Education, Ho Chi Minh city
  Bachelor in French language, Tourism — *2014 – 2018*

SOCIAL ACTIVITIES

- Organizer of VietOpenInfra (a user group of OpenInfra Foundation) to host events such as OpenInfra Days, Technical meetups, etc. Partnership with technical communities such as Cloud Native Vietnam, Grokking Vietnam, AWS Vietnam User Group, etc.
- Write Tech blogs. For further references see http://tuyen-nnt.github.io