Rendy Bambang Junior

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PROFILE

Hands-on data engineering lead and people manager. Working at one of startup unicorns in Indonesia. Aspired to grow his career further as machine learning engineer and part-time lecturer. High achiever, collaborative, enthusiastic, believe in craftmanship and growth mindset. Enjoy solving complex problems and coaching junior engineers. Earned 3.9 of 4.0 GPA (cum laude) informatics engineering bachelor degree from one of best technology institute in Indonesia, Bandung Institute of Technology. Won various programming competition including National Science Olympiad, the national's most prestigious programming competition. Actively contribute to software engineering community in the form of talks and blogs.

EXPERIENCE

Data Warehouse Engineering Lead, Traveloka; Jakarta, ID   2019-Present
Responsible for data modelling and building data warehouse at Traveloka. Managing team of fourteen data engineers. Building a serverless pipeline on GCP using DataFlow and BigQuery. Building data warehouse for various business units at Traveloka. Introduced inheritance concept on dimensional data modelling to tackle the challenge of analysis various data coming from various business units.

Data System Architect, Traveloka; Jakarta, ID   2017-2019
Focus to multiply impact of data platform built previously by creating data services on top of it to enable business use cases. Responsible of overall system architecture for integration between data environment and various domain. Also technical advisor and member of architect board for data-related use cases at Traveloka. Products built: 1) Customer Data Platform: highly available and resilient API providing customer data for customer-centric initiatives in Traveloka. 2) Data Lake API: batch and async API providing ability to transfer huge amount of data from Data Lake to other systems with clear contract.

Data Engineering Lead, Traveloka; Jakarta, ID   2014-2017
Technical lead and people manager of a team who build data platform from scratch at Traveloka. Learning by doing and managed to handle growth of data over the past 3 years. Using data technology such as Kafka, Spark, and Redshift. Established both batch and streaming data platform which powers organization insights and tens of data-intensive application use cases. Learned ton of lessons along the way.

Software Engineer, Traveloka; Jakarta, ID   2014
Assigned as second member of a data engineering team in early phase of the company. Responsible for creating ETL and reports on top of data dump in

MongoDB. Maintain MongoDB and internal custom dashboard. Manage to create more generic visualization platform. Assigned to design data engineering roadmap and build the team.

Project Management Officer, Accenture; Jakarta, ID   2013-2014
Project management officer for multi-year data warehouse project. Experienced communication with tens of stakeholders. Manage single source of truth for hundreds of data sources, and tens of downstream. Ensure project align with timeline. Handle project communication with top level management. Learned overview data platform here, also learned project management and communication skill.

EDUCATION

Bandung Institute of Technology; Bandung, ID   BE, Informatics Engineering, 2009-2013, GPA 3.90 of 4.00
Earned cum laude informatics engineering bachelor degree from one of best technology institute in Indonesia, Bandung Institute of Technology. Come second place as the best student in the faculty of informatics engineering.

Udacity Nanodegree   Deep Learning Foundation, 2017
Took a deep learning course at Udacity to keep up-to-date (funded by company). Graduated on-time (6 months program). Actively involved in forum discussions to understand the concept better. Learned about convolutional, recurrent, and generative adversarial neural network. Projects including image classification, sentiment prediction, and face generation.

TEST

TOEFL iBT Score 107, Jun '19. Reading 30; Listening 28; Speaking 23; Writing 26

AWARDS AND CERTIFICATE

- AWS Certified SysOps Administrator Associate, 2016
- 2nd Place Best Student, Informatics Eng, Bandung Institute of Technology, 2012
- Bronze Medal, Programming Competition, National Science Olympiad, 2008
- 3rd Place, National Programming Competition IPB, 2008

SKILLS

- Languages: Java, Python, Go (beginner)
- Dev Ops: Linux, Docker, AWS (S3, EC2, VPC, Lambda, etc.), GCP (GKE, Endpoint, etc), Kubernetes, Jenkins, distributed systems
- Data Technology: Kafka, Gobblin, Spark, Redshift, PostgreSQL, Airflow, DataFlow, PubSub, MemSQL, DynamoDB, BigTable, BigQuery, MongoDB
  Softskill and Process
- Leadership: Effective team, mentoring junior engineers, cross disciplinary communication, aligning team goals and company direction

- Process: Scrum and related agile processes, managing project backlogs, technical product management, Test Driven Development, project scoping, stakeholder management

SELECTED COMMUNITY CONTRIBUTIONS

- Data Provisioning API with BigQuery - Google Cloud Summit '18 Jakarta - Talk Slides, Blog Post
- Traveloka's journey to stream analytics on GCP - Google Cloud Summit '17 Singapore - Talk Slides, Blog Post
- Scalable Data Systems - How to store and process data at scale'18 - Talk Slides
- Getting Data to Data Lake from Microservices - Blog Part 1, Blog Part 2
- Freddie Mercury, Simple BigQuery Scheduler with Airflow as Engine - Github Repo
- KPUrawler, Election Commission Crawler - Github Repo