YOHANA SRI REJEKI

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EDUCATION

UNIVERSITAS KOMPUTER INDONESIA Bandung, ID
- **Major:** Informatics Engineering, GPA: 3.70/4.00 *Sept 2023*
- **Certificate:** Associate Data Scientist (BNSP), Indonesian Government Certified
- **Relevant Coursework:** Data Management and Knowledge, Data Visualization and Business Intelligence, Software Engineering, Data Structures, Algorithm, Machine Learning, Artificial Intelligence, Natural Language Processing

BANGKIT ACADEMY LED BY GOOGLE, TOKOPEDIA, GOJEK, & TRAVELOKA Bandung, ID
- **Learning Path:** Machine Learning, Final Score: 89.25/100 *Feb 2022 – July 2023*
- **Certificate:** TensorFlow Developer Certificate (TensorFlow Certificate Program)
- **Relevant Coursework:** IT Automation with Python, Mathematics for Machine Learning, TensorFlow Data and Deployment, Structuring Machine Learning Projects

EXPERIENCES

PT. TRICADA INTRONIK / IT Services and Consulting Bandung, ID
Data Engineer *Nov 2023 – Present*
- Collaborating with solution architect and backend engineer to design and developed data pipelines to handling **4TB+ of raw network data** daily using **Kafka, PySpark, Python, SQL, and Google Cloud Storage**, reducing insight generation time from 30 minutes to **5 minutes (83% reduction).**
- Collaborated cross-functionally with data scientists, solution architects, and backend engineers to build a scalable MLOps pipeline and Retrieval-Augmented Generation (RAG) architecture for a business Q&A chatbot.
- Ingested data from **5+ sources** using **SQL, No-SQL, Python, and Kafka**; built reusable views for **10+ business use cases**.
- Led the adoption of **Data Mesh Architecture** approach, improving data accessibility across multiple product teams.

GOOGLE DEVELOPER STUDENT CLUBS – UNIKOM Bandung, ID
Coordinator of Machine Learning Study Jams – Seasonal *Aug 2022 – July 2023*
- Designed curriculum and coordinated free ML workshops in collaboration with Dicoding.
- Delivered an introductory session on Python, Git, and GitHub to 15+ participants.

UNIKOM CODELABS / University IT Division Bandung, ID
Data and Machine Learning Researcher – Student Activity *Dec 2021 – Sept 2023*
- Developed an ML model to detect fruits using Azure Custom Vision (82% accuracy) for Microsoft Virtual Hackathon 2022.
- Finalist in 2 international ML competitions for a recipe recommendation system based on food ingredients.

PROJECTS

FINAL THESIS: RECIPEAI – AI-BASED ANDROID APP FOR RECIPE RECOMMENDATION *Aug 2023*
- Designed full system architecture and built an ML model using TF-IDF and k-NN (99.87% accuracy).
- Deployed using Flask on Google Cloud App Engine.
- Built a custom vision model for 46 food ingredients using Azure Custom Vision.
- Tools: Python, Scikit-learn, Dart, Flutter, Flask, Azure, GCP

BANGKIT ACADEMY FINAL PROJECT: PNEUX – PNEUMONIA DETECTION FROM X-RAY USING CNN *Feb 2022 – July 2022*
- Built a CNN model using transfer learning to detect pneumonia from chest X-rays (92.5% accuracy).
- Tools: TensorFlow, Keras, Python, Git, Google Colab, Kaggle

TECHNICAL STACK

- **Programming & Query:** Python, SQL, No-SQL, Java
- **Big Data & Streaming:** Kafka, PySpark, Google Cloud Storage, Big Query
- **Cloud & DevOps:** Google Cloud Platform (GCP), Azure, Flask, App Engine
- **Machine Learning:** TensorFlow, Keras, Scikit-learn, CNN, TF-IDF, k-NN
- **Tools:** Git, Github, Excel, Matplotlib, Pandas, NumPy, Docker
- **Technical Domain:** Data & AI/ML, Software Engineering

ADDITIONAL SKILLS

- **Soft Skills:** Critical Thinking, Analytical Thinking, Problem-Solving, Public Speaking, Attention to Detail, Practical Math
- **Languages:** Bahasa Indonesia (Native), English (Professional Working Proficiency)

ACHIEVEMENTS
- Honorable Mention, Most Solutive Chapter as Lead for GDSC UNIKOM (Issued by Google Developer Student Clubs 2023)
- Top 3 – Indigo Alpha Incubation 2023 (StrayFlux)
- Winner, Time management Challenge (Issued by Bangkit Academy 2022)
- Finalist, InnoServe Awards 2022 (Taiwan) (Role: Machine Learning Engineer, issued by Industrial Development Bureau of Ministry of Economic Affairs, Computer Center of Ministry of Education, Chinese Society for Information Management)
- Finalist, Microsoft Virtual Hackathon 2022 (Role: Hacker, issued by Microsoft and Hackerearth)
- Finalist, APICTA Awards 2021 Category Inclusion – General (Malaysia) (Role: Technical Speaker, issued by The Asia Pacific ICT Alliance Awards)
- Finalist, InnoServe Awards 2022 (Taiwan) (Role: Technical Speaker, issued by Industrial Development Bureau of Ministry of Economic Affairs, Computer Center of Ministry of Education, Chinese Society for Information Management)

VOLUNTEERING

Google Developer Groups Cloud Bandung   Bandung, ID
Participant Support & Technical Speaker (Data & ML)   *Mar 2024– Present*