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EMPLOYMENT

ERP Engineering (Freelance) **Paragon Corp.** **May 2023 – Present**
- Handle requests and incidents from users associated to Supply Chain & Human Resources Information System Stream
- Monitor and analyze requests and incidents for enhanced comprehension
- Develop and implement improvement for the ERP system to enhance efficiency and delivery speed using Odoo versions 11 and 13
- Establish a QA culture for the ERP Department utilizing Cypress and Cucumber
- Tech-stacks : Python, Odoo 11 & 13, PostgreSQL, Cypress, Cucumber, XML

ERP Engineering (Internship) **Paragon Corp.** **Oct 2022 – Apr 2023**
- Preparing the migration to Odoo16
- Develop E-Learning app on Odoo
- Create a module for registering the deployment of projects in ERP Departments. This includes creating automation for generating reports in PDF and Excel format, creating a scheduler for some actions, generating ZIP files, etc.
- Tech-stacks : Python, Odoo 16, PostgreSQL, XML

Teaching Assistant (Part Time) **University Indonesia** **Jan 2020 – Dec 2022**
- Teaching Assistant for Discrete Mathematics on 3 periods
- Responsibilities include grading, giving additional lectures, and helping with any problems asked by more than 50 students

ML Dev. (Apprenticeship) **Traveloka Singapore** **May 2022 – Jun 2022**
- This is a part of the Bangkit 2022 program. Traveloka Singapore gives us an opportunity to create a chatbot for optimizing customer operations. This project was developed by 3 groups from each of Bangkit's learning paths.
- Selected as the **best team** of the topic
- Build the dataset manually, build the Machine Learning model and improve it continuously. Success to get higher than 93% validation accuracy.
- Tech-stacks : Python, TensorFlow, Numpy, NLTK

EDUCATION

Information System Bachelor **University of Indonesia** **Jul 2019 – Jan 2023**
- Faculty Courses: Data Structure and Algorithm, Web Programming and Design, Programming Foundation, Discrete Mathematics, Calculus, Statistics and Probability, Database, AI & Data Science Foundation, etc.
- Department Courses: Operating Systems for Information Systems, Business Administration, E-Commerce, Management Principles, Human-Computer Interaction, IT Project Management, Knowledge Management, etc.

Machine Learning Path **Bangkit Academy** **Jan 2022 – Aug 2022**
- Bangkit Academy is a Google-led academy designed to produce high-caliber, technical talent for world-class, Indonesian technology companies and startups. Consists of three learning path: Machine Learning, Mobile Development, and Cloud Computing.
- Completed Courses: IT Automation with Python, Mathematics for Machine Learning, TF Developer Professional Certificate, Structuring Machine Learning Project, and TF Data and Deployment
- Concepts Learned: Data Classification, Image Processing, Image Classification, Natural Language

Processing, TFLite
- Successfully gained [TensorFlow Developer Certificate](), received a final grade of **95.35 (A)**, and graduated with **Distinction** status.

ORGANIZATIONAL EXPERIENCES

Staff of Islamic Learning Center   **FUKI Fasilkom UI**   **Jan 2022 – Aug 2022**
- FUKI (Form Ukhuwah dan Kajian Islam) Fasilkom UI is an Islamic organization to preach the teachings of Islam in the Computer Science Faculty, University of Indonesia. Islamic Learning Center (ILC) is a department responsible for holding a workshop on Islamic themes.
- Responsible for Yuk Tanya Ustadz / Let's Ask Preacher program and become Liaison Officer for it.
- Acted as a moderator for TAMU (Tadabbur Ilmu / Routine Islamic Study)
- Helped to sell a books that taught at TAMU

Staff of Workshop   **Educare 2020**   **Jan 2020 – Mar 2020**
- Educare is an IT work fair held by the Faculty of Computer Science, University of Indonesia student. Workshop is one of the departments in Educare that is responsible for holding workshop sessions within IT-related fields.
- Responsible for finding a great and suitable guest star.
- Acted as a Liaison Officer for one of the guest star.

TECHNICAL EXPERIENCE

Projects
- **Product Costing** (2023). Integrating different components within the ERP system and its associated satellite systems. Developed using Python and Odoo 13.
- **ERP Portal** (2022-2023). Custom module for registering projects developed by Paragon ERP Department. Successfully automated several business flows and centralized those on one platform (Odoo). Developed using Python, Odoo 16, and XML.
- **Sistem Penjaminan Mutu Internal Universitas Indonesia (SPMI UI)** (2022). A web application developed to make it easier to carry out internal quality assurance as one of the things done for university and study program accreditation. Developed using Python, Django REST Framework, React, and Next.js.
- **SITUGASAKHIR** (2022). A web application for the Pharmacy Faculty University of Indonesia to handle thesis matters. This application can handle many things such as: creating the schedule for thesis defense, choosing a thesis supervisor, applying a pre-thesis file, etc. Developed using Spring Boot, Thymeleaf, Bootstrap, and JavaScript.
- **Siloka** (2022). A chatbot application for handling Traveloka customer operations based on mobile (Android). Success to become the best among the group. Developed using Python, TensorFlow, Numpy, NLTK

Programming Languages and Technologies
- **Programming Languages:** Python; Java; JavaScript; Go; HTML; CSS; XML; JSON; SQL (PostgreSQL & MySQL); NoSQL (MongoDB)
- **Libraries & Frameworks :** Django (Django REST Framework); Spring Boot; Express; Flutter; NodeJS; Odoo 11, 13, 16 (ERP); TensorFlow, Cypress, Cucumber
- **Tools :** Visual Studio; IntelliJ; Git; Postman; Docker; Linux (Ubuntu)