

MUHAMMAD FAKHRURROZI SUTISNA

South Jakarta, Jakarta

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SUMMARY

An experienced python developer with over five years of professional experience, specializing in Artificial Intelligence (AI), Robotic Process Automation (RPA), and backend development. Currently serving as an IT Developer at PT Astra Graphia Information Technology (AGIT), assigned as the AI & RPA Technical Leader at PT Astra International Tbk. Proficient in Python for AI, generative AI, machine learning, process automation, data exploration, computer vision, desktop applications, and API development. Known for strong cross-functional collaboration, code quality leadership, and driving automation strategies that streamline enterprise operations.

SKILLS

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|------------------------------|----------------------|------------------|----------|
| • Robotic Process Automation | • Python Programming | • Power Automate | • SQL |
| • Generative AI | • Microsoft Graph | • Flask | • Docker |
| • Machine Learning | • Robot Framework | • REST API | • Git |

EXPERIENCE

PT Astra Graphia Information Technology – Jakarta, Indonesia

Sep 2022 - Present

IT Developer

- Assigned to Sales Operation Digital Platform & Applications Development Division at Corporate Information System & Technology (CIST) PT Astra International, Tbk as an **Artificial Intelligence (AI) and Robotic Process Automation (RPA) Technical Leader**.
- Developed and managed **over 100 robotic process automation (RPA) flows across seven Astra Group Sales Operations**, covering SAP GUI, browser automation, data migration, and other business processes.
- Developed and implemented **LLM Application** using Azure OpenAI model, integrated with Docker.
- Designed and developed a Microsoft Graph API to enable cloud-based data transactions, **improving productivity** compared to the previous non-cloud setup.
- Developed **optical character recognition (OCR) software** to read data from diverse business documents.
- Oversaw team collaboration, reviewed code, and shared technology insights to ensure project success and foster innovation.

PT Expecomputindo – Jakarta, Indonesia

Mar 2022 - Sep 2022

Junior Consultant

- Implement service-oriented architecture (SOA) in BIMASAKTI-Bank Indonesia Projects.
- Created database objects like tables, views, procedures using oracle tools like SQL.
- Supported unit testing (UT), system integration testing (SIT), and user acceptance testing (UAT).
- Administered Linux-based systems and environments.
- Developed spring boot application microservices for Indosat Projects.

PT Nanosense Instrument Indonesia – Yogyakarta, Indonesia

Sep 2021 – Mar 2022

Artificial Intelligence Engineer

- Created an artificial intelligence model for a company's products.
- Developed computer vision algorithms and methods for electronic eye products.
- Designed and developed three desktop software for enterprise products using Qt Designer for frontend and PySide for backend in five months.
- Performed both programming and software QA duties, including bug fixing and new feature development..
- Developed company products using scrum-kanban management system (collaborate with project manager).

EDUCATION

Universitas Jenderal Soedirman – Purwokerto, Indonesia

Aug 2017 – Feb 2021

Bachelor of Engineering, Major in Electrical Engineering

- Cumulative GPA: 3.80/4.0
- Thesis: Designing an Android Application for Face Mask Detection with Deep Learning Techniques

COURSES AND CERTIFICATIONS

- **ISO/IEC 22989:2023 Understanding AI Concepts and Definitions Training Course** - BSI Training Academy (Jun 2025)
- **ISO/IEC 42001:2023 Requirements Training Course** - BSI Training Academy (Jun 2025)
- **Neo4j & LLM Fundamental** - Neo4j (Jul 2024)
- **Data Analysis with Python** - freeCodeCamp (Aug 2023)
- **Machine Learning Terapan** - Dicoding Indonesia (Jul 2023)
- **Scientific Computing with Python** - freeCodeCamp (Nov 2022)
- **Machine Learning with TensorFlow** - Digital Talent Scholarship, Ministry of Communication and Information Technology (Jun-Aug 2022)
- **Data Engineer with DQLab** - Digital Talent Scholarship, Ministry of Communication and Information Technology (Mar-Apr 2022)
- **Unsupervised Learning in Python** - Datacamp (Mar 2022)
- **Machine Learning with Scikit-Learn** - Datacamp (Mar 2022)
- **Linux Administration Bootcamp: Go from Beginner to Advanced** - Udemy (Mar 2022)
- **IBM Machine Learning** - Digital Talent Scholarship, Ministry of Communication and Information Technology (May-Jul 2021)
- **Machine Learning in Python with Scikit-Learn** - France Université Numérique and Inria (Jun-Jul 2021)
- **Neural Networks and Deep Learning with DeepLearning.AI** - Coursera (May 2021)

ADDITIONAL

Languages: Bahasa Indonesia, English

UPDATE

19/09/2026