

Dionysius Dewaji Madyasta

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| github.com/dionmadyasta | [linkedin.com/in/dionmadyasta](https://www.linkedin.com/in/dionmadyasta) | Yogyakarta, Indonesia

Professional Summary

Versatile Python Developer & Systems Engineer with 9+ years of experience bridging scalable backend development with robust infrastructure. Expert in building production-grade web automation, AI-integrated backend services, and secure cloud environments. Proven track record in optimizing high-volume data operations and delivering end-to-end automation solutions.

Core Skills

- **Languages & Backend:** Python, FastAPI, Flask, Django, PostgreSQL.
 - **Automation & AI:** Scrapy, Selenium, Playwright, LLM Integration.
 - **DevOps & Infrastructure:** AWS (EC2, S3, IAM), Linux/Windows Admin, Jenkins, Redis, RabbitMQ.
 - **Observability & Security:** Grafana, ELK Stack, Firewall Management, OpenVPN, WireGuard.
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Experience

Python Developer | Upwork Inc. (Global, Remote) | Nov 2024 – Present

- Engineer production-grade web automation and scraping architectures for global enterprise clients.
- Develop scalable backend APIs (FastAPI/Django) optimized with asynchronous task processing (Celery/RabbitMQ).
- Orchestrate complex workflows with N8N, integrating LLM/AI services for advanced decision support and data processing.
- Deliver end-to-end solutions, including lightweight frontends (React/Vue) and custom automation tools.

System Engineer | eQualsys Health Solutions (Remote, AU) | Jan 2020 – Oct 2024

- Architected and managed AWS infrastructure (EC2, S3, IAM) to ensure high-availability for production systems.
 - Strengthened security by implementing encrypted remote access (OpenVPN/WireGuard) and managing SSL certificate lifecycles.
 - Established comprehensive system observability using Grafana and the ELK Stack for proactive incident monitoring.
 - Automated critical operational tasks (database backups, log rotation) and streamlined deployment pipelines via Jenkins CI/CD.
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Education

Bachelor's Degree in Computer Science, Informatics Engineering | Sanata Dharma University

Achievements

- **Top Rated Freelancer on Upwork (Top 10% of talent):** Recognized for rapid growth and consistent high client satisfaction.