

ALYA MUTIARA FIRDAUSYI

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Cloud System Engineer with 3+ years of experience implementing and managing cloud-based infrastructure for web-hosting agency projects. Proficient in utilizing AWS services for cloud deployments. Recent graduate with a computational science major, equipped with a foundation in cloud technologies and a passion for delivering efficient and scalable solutions. Currently exploring Spreadsheet, SQL, Python, and Tableau to prepare for the career shifting toward the data field.

PROFESSIONAL EXPERIENCE

XTREMAX TEKNOLOGI INDONESIA ([XTREMAX.COM](https://xtremax.com))

Bandung, ID

Cloud Engineer

2019 - 2023

Xtremax is a certified digital transformation company providing innovative cloud solutions. Headquartered in Singapore, Xtremax has assisted numerous clients in large-scale server migration services, cloud migration, application modernization, containerized services, and more.

- Managed and optimized over 20 internal servers supporting the Content Website Platform project, ensuring seamless operations, troubleshooting, and continuous enhancements.
- Mitigated and resolved over 500 vulnerability findings within cloud servers and infrastructure, fortifying security and minimizing potential risks to a highly impactful extent.
- Enabled developer teams by facilitating installation, configuration, patching, and troubleshooting of services for 5 different Content Management Systems (WordPress, SWIIT, Sitecore, Sitefinity, and SharePoint).
- Documented over 100 complex issues addressed and resolutions provided as Change Request for Comment (RFC), Incident Report, Build Docs, or Wiki, while consistently updating project build and manual documentation.
- Facilitate guidance and support to onboard 2 new team members while collaborating with fellow engineers on deployment tasks.
- Collaborated with the development team to review and optimize AWS resource configurations for the CWP project, resulting in a significant reduction in idle resource costs.

EDUCATION

DATA CAMP

Self-Paced Data Analytics Bootcamp

2023 - Present

INSTITUT TEKNOLOGI BANDUNG

Bandung, ID

Master of Science in Computational Science; GPA 3.74/4.00

2020 - 2023

INSTITUT TEKNOLOGI BANDUNG

Bandung, ID

Bachelor of Science in Physics; GPA 3.13/4.00

2014 - 2019

ADDITIONAL INFORMATION

- **Tools:** Spreadsheet (Pivot Table, Power Query), Databases (PostgreSQL, MySQL), Python (numpy, pandas, matplotlib), ElasticSearch
- **Other:** Git, AWS, GCP, Linux OS, Windows OS, Bash, PowerShell
- **Certifications:** SQL Associate by Datacamp (2024), Google Data Analytics by Coursera (2024), [AWS Solution Architect Associate](#) (2022 - 2025), [Microsoft Certified Azure Fundamentals](#) (2023 - 2025)