ALYA MUTIARA FIRDAUSYI

Tangerang, ID · alyamf@gmail.com · +6285755666361 · linkedin.com/in/alyamf · Portfolio

Leveraged 3+ years in cloud infrastructure as a Cloud System Engineer to hone analytical skills. Eager to transition to data analysis, currently learning SQL, Python & Tableau. Computational science grad with a strong passion for efficient & data-driven solutions. Excited to bring cloud expertise to your team.

PROFESSIONAL EXPERIENCE

XTREMAX TEKNOLOGI INDONESIA (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, 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, SWIIIT, 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, significantly reducing idle resource costs.

EDUCATION

DATACAMP
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)