Avecena Basuni

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Education

Universitas Indonesia – Depok, Indonesia   August 2019 – January 2023

Bachelor of Engineering in Electrical Engineering

- Graduated in 3,5 years with Cum Laude GPA: 3.87 out of 4.00.
- Minoring in Electronics Engineering.

Work Experiences

PT Berca Hardayaperkasa – Jakarta, Indonesia

Technical Product Specialist   March 2024 – present

- Collaborated with cross-functional teams (product managers, engineers, designers) on 3 newly released New Relic's product features, ensuring technical feasibility by identifying and mitigating potential roadblocks.
- Supported internal teams (Sales, Marketing, Customer Success) through New Relic's technical overview and guidance, potentially leading to a 10% increase in their product knowledge.
- Developed and maintained technical documentation for 2-5 key New Relic's product features, aiming to improve clarity and potentially reduce support tickets by 10%.
- Analyzed customer feedback data from a sample of 50 users to identify New Relic's product improvement opportunities.
- Assisted with the technical aspects of 3 user testing sessions and 3 New Relic's product demonstrations.
- Dedicated 4 hours per month to staying current on emerging technologies and industry trends relevant to New Relic's products.

PT Kairos Utama Indonesia – Jakarta, Indonesia

Junior Systems Engineer   April 2023 – March 2024

- Designed and implemented secure, high-performance server systems, optimizing performance, and reliability for my clients.
- Managed Microsoft environments (e.g. Exchange, Active Directory, SQL Server, etc.) to facilitate seamless communication and collaboration across client teams.
- Performed proactive maintenance on client systems, minimizing downtime and ensuring optimal availability for critical business operations.
- Maintained database systems for all clients, guaranteeing data integrity and enabling reliable data analysis and reporting.
- Championed a high first-call resolution rate for critical incidents during 24/7 operations, ensuring seamless service delivery for clients.
- Utilized troubleshooting expertise to resolve complex technical issues faced by clients, delivering timely and effective solutions.
- Actively learned and explored cloud computing platforms like AWS and GCP, staying current with industry trends.
- Developed disaster recovery plans for clients, ensuring business continuity and minimizing downtime in case of unforeseen circumstances.

Covent Indonesia – Depok, Indonesia

Embedded Systems Engineer   April 2022 – April 2023

- Developed a low-cost medical device (Syringe Pump) with a team. This Arduino-based device enables precise fluid delivery in resource-limited settings.
- Designed an intuitive user interface for the Syringe Pump, ensuring ease of use for medical professionals.
- Programmed the microcontroller for accurate fluid delivery and adherence to health standards using C/C++.
- Performed rigorous testing and debugging to ensure the Syringe Pump's functionality and reliability.

Laboratorium Elektronika Fakultas Teknik Universitas Indonesia – Depok, Indonesia

Laboratory Assistant   August 2021 – January 2023

- Designed and implemented engaging practicum modules covering 10 key topics in embedded systems and electronic circuits for a semester-long course.
- Provided hands-on assistance and clear explanations during labs, fostering understanding of electronics concepts, and troubleshooting techniques for over 50 students per semester.
- Ensured functionality and calibration of critical lab equipment (oscilloscopes, power supplies, multimeters) for optimal student learning.
- Assessed student lab reports and projects, offering constructive feedback to ensure knowledge retention and skill development.
- Conducted safety briefings and enforced safety protocols to create a safe and responsible learning environment.
- Prepared and maintained lab setups for various electronics experiments, ensuring efficient lab workflows.

Evomo (subsidiary of Telkom Indonesia) – Jakarta, Indonesia

UI/UX Designer   July 2022 – August 2022

- Created low fidelity UI/UX designs for a CMMS application, a software solution for managing and optimizing maintenance operations.

- Conducted research on the best handheld RFID readers for drilling services, considering the requirements of explosion-proof and durability.

PT. PLN (Persero) UPT Cilegon – Cilegon, Indonesia

Electrical Maintenance Engineer   January 2022 – February 2022

- Performed preventive maintenance analysis on lightning arrester equipment, ensuring safety and reliability of the electric transmission system.

- Learned the fundamentals of electric transmission system, including its components, functions, and operations.

- Acquired the basic skills of maintenance in substations procedure, following the best practices and standards.

- Prepared a written report summarizing the theory and practical aspects of the internship process.

Organizational Experience

Ikatan Mahasiswa Elektro Fakultas Teknik Universitas Indonesia (IME FTUI) – Depok, Indonesia

Senior Staff of Studies and Strategic Action   January 2021 – December 2021

- Maintained daily content plan for Electrical Issue Magazine's Instagram

- Redesigned templates for infographics to be published on social media.

- Managed deadlines and progress across all the team.

- Produced 3 videos and 20 infographics on social media.

Certification

- **AWS Certified: Solutions Architect Associate – Amazon Web Services (Issued April 2024)**

- **New Relic University: Advanced Practitioner – New Relic (Issued March 2024)**

- **Google Cloud Certified: Cloud Digital Leader – Google Cloud (Issued June 2023)**

- **AWS Academy Machine Learning Foundations – Amazon Web Services (Issued March 2023)**

- **Google IT Support – Grow with Google (Issued June 2022)**

- **AWS Academy Cloud Architecting – Amazon Web Services (Issued April 2022)**

- **AWS Academy Cloud Foundations – Amazon Web Services (Issued March 2022)**

Honors

Ikatan Mahasiswa Elektro Fakultas Teknik Universitas Indonesia (IME FTUI) – Depok, Indonesia

Best Staff of the Term   May 2020

- Achieved the best staff of the term I in Studies and Strategic Action IME FTUI which graded by all of the fellow staffs, head, and vice head of Studies and Strategic Action IME FTUI.

Ministry of Communication and Information Technology Republic of Indonesia – Jakarta, Indonesia

Best Participant of Digital Talent Scholarship 2022: Amazon Web Services Architecting on Fresh Graduate Academy   May 2022

- Achieved the best participant of the class in Amazon Web Services Academy which was graded by the Amazon Web Services Academy itself.

Skills

Language: Fluent in Bahasa Indonesia; Conversational Proficiency in English.

Technical: Amazon Web Services, Google Cloud Platform, Microsoft Azure, DevOps, Windows Server, Linux Server, Docker, Virtualization.

Programming Language: C#, C, C++, MATLAB, HTML, SQL, CSS, JavaScript, Python.

Interest: Internet of Things, Microcontroller, Industry 4.0, Electronics, Embedded System, Cloud Computing.

Soft Skills: Communication, Teamwork, Leadership, Public Speaking.