

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.
- Minor in Electronics Engineering
- Studied topics related to embedded systems, cloud computing, and network architecture.

Work Experiences

PT Berca Hardayaperkasa – Jakarta, Indonesia

Technical Product Specialist

March 2024 – present

- Delivered technical trainings and event presentations, increasing internal teams' product knowledge by up to 10%.
- Conducted assessments and implemented customer success strategies, reducing support tickets by 10% and boosting client satisfaction.
- Led product demos and Proof of Concept (POC) sessions to highlight solution value and secure new deals.
- Developed comprehensive technical documentation (BOQ, HLD, LLD) and proposals, streamlining project kick-offs and implementation.
- Managed project timelines and scopes, ensuring on-time delivery and consistent quality across cross-functional teams.
- Explored emerging technologies—including cloud computing and competitor analysis—to drive innovation and maintain competitive advantage.
- Implemented automation alongside platform collaboration solutions, to optimize internal workflows and boost project efficiency.

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

- **New Relic Verified Foundation – New Relic (Issued December 2024)**
- **Nutanix Certified Services Core Associate 6 – Nutanix (Issued December 2024)**
- **Nutanix Certified Professional Multicloud Infrastructure 6 – Nutanix (Issued October 2024)**
- **Nutanix Certified Associate 6 – Nutanix (Issued July 2024)**
- **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.