TB Maulana Aghni

+6285797938103 | maulanaaghni.contact@gmail.com
https://maulanaaghnii.github.io

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maulanaaghnii
codebymek

Experience

PT. Pamapersada Nusantara

Software Engineer (IoT Research)

Feb 2025 - Present.
- Designing and developing a comprehensive monitoring platform for data collected from IoT devices at mining sites. This platform provides real-time insights into mining vehicle health, operator fatigue detection, geolocation-based movement control, a robust vehicle tracking system, and an optimized live camera streaming system for seamless real-time monitoring.

PT. Global Sukses Solusi Tbk - RUN System

Software Engineer (Support ERP)

Oct 2024 - Feb 2025.
- Acted as a Level 2 (L2) Support Engineer, assisting Level 1 (L1) support in resolving technical issues reported by customers via osTicket, ensuring compliance with agreed SLA
- Fixing hotfixes/defects identified by the Solution team and/or Helpdesk Support (L1).
- Documenting tickets that contain technical issues encountered by users and writing a knowledge base for internal team reference.
- Creating reports on recurring technical issues as a basis for ERP application R&D.
- Troubleshooting technical issues experienced by users through Helpdesk Support (L1) based on received tickets.

Software Engineer (ERP)

Dec 2023 - Nov 2024
- Supervising new engineers in adopting task execution approaches aimed at completing the application development cycle
- Helped train onboard engineers in raw query MySQL/MariaDB and basic ERP technical development
  - *Includes orientation activities introducing the C# .NET development environment and SQL queries applied in the ERP application source code.*
- Contributing to the implementation of the department's OKR program for monitoring and reducing the Defect Rate in the ERP application system.
  - *The Defect Rate application is developed using Python with the Django framework version 5..*

Junior Software Engineer (ERP)

Jun 2022 - Dec 2023

- Developing desktop-based ERP applications using the .NET Framework, C#, and MariaDB.
- Contribute to applying ERP modules such as Financial & Cost Control (FICO), Human Capital Management System (HCMS), Human Resources Information System (HRIS), Inventory Material Management (IMM), and Procurement Management in ERP applications.
- Create and develop a customer database backup system using Python.
- Create and maintain cronjobs on customer database backup systems.

Prodi Teknik Informatika Universitas Dian Nuswantoro

Computer Lab Assistant

Oct 2021 - Dec 2021
- As the Coordinator of the IT Laboratory Assistant Team, responsible for assisting approximately 180 new students in learning the fundamentals of programming using the C++ programming language.

Teaching Assistant

Oct 2021 - Dec 2021
- Assisting lecturers in conducting the Career Guidance program for approximately 40 final-year Informatics Engineering students to learn and use the Laravel web framework..

Education

Dian Nuswantoro University (UDINUS)

Sept 2019 - Mar 2023
Informatics Engineering (S1) - GPA 3.80 / 4.00

Organisasi

Student Executive Board of Dian Nuswantoro University (UDINUS)

General Secretary of the Cabinet

2019 - 2020

- Performing secretarial tasks for the organization.
- Managing incoming and outgoing correspondence for the Student President of UDINUS.
- Responsible for administrative matters in 5 organizational program activities.

- Taking minutes of meetings (Minutes of Meeting) for each meeting agenda.
- Carrying out the organization's archival functions.

Staff of the Ministry of Student Welfare

2020 - 2021
- Assisting in managing student matters related to scholarship information and campus assistance.
- Helping collect student aspirations at Dian Nuswantoro University.

Forum OSIS Jawa Barat (FOJB)

West Java Student Council Forum (FOJB)

Koordinator Daerah Kota Cimahi

2017 - 2018

- Responsible for managing the administration of FOJB Cimahi City Region.
- Coordinating the program activities of FOJB Cimahi City Region.
- Establishing partnerships with all High School (SMA) Student Council Presidents in Cimahi City.

Republik Cerdas Anti Narkoba (RCAN) - BNN Kota Cimahi

Smart Anti-Drug Republic (RCAN) - National Anti-Narcotics Agency (Indonesia)

Delegate from SMA Negeri 3 Kota Cimahi

2016 - 2017
- Serving as a RCAN cadre for the BNN Cimahi City in providing outreach to High Schools (SMA) in Cimahi City.
- Participating in the pre-training on anti-drug awareness organized by BNN Cimahi City.