

RESUME



PERSONAL DATA

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EDUCATION

- Bachelor Degree in Informatics Engineering at University of Surabaya (UBAYA), graduated in 2018
- SMAN 1 Balikpapan, graduated in 2012
- SMPN 1 Balikpapan, graduated in 2009
- SD 025 ITCI Kenangan, graduated in 2006

FINAL PROJECT

Development of Web-Based Automate System on Contract Files and Archives at Solution, Delivery, & Assurance Unit in Telkom Regional 6

SKILLS

- **Programming:** PHP (*Native & Laravel*), Python (*Native & Django*), Golang, NodeJS, Java, C# .NET, Perl, Bash, C++ OpenGL, Javascript, jQuery, HTML, CSS (*Native, Materilize, Bootstrap, & Bulma*)
- **Database Management:** MySQL, PostgreSQL, MariaDB, MongoDB
- **Language:** **Bahasa** (*native proficient*), **English** (*professionally proficient*)

ORGANIZATION EXPERIENCE

- Reporter on Journalism Division of Warta UBAYA at UBAYA
- Online Editor on Editorial Management of Warta UBAYA at UBAYA
- Student Counselor on Student Counseling of PIKM UBAYA at UBAYA

WORKING EXPERIENCE

Solution, Delivery, & Assurance Unit at Telkom Regional 6

Position: Full Stack Engineer, Data Engineer

July 2023 — December 2023

Location: Balikpapan, Indonesia

- Building and developing front-end and back-end web application which are the tools that helps the unit for data collection, file archives, and dashboard analytics.
- Maintaining visual server activity and process for files archiving.
- Maintaining visual server for web hosting and database management.
- Collaborated with product managers and designers to translate requirements into technical specifications, ensuring timely and successful project deliveries.
- Contributed to the adoption of modern development tools, reducing the time required for new feature implementation.
- Demonstrated strong problem-solving skills by resolving complex UI issues, leading to a increase in user task completion rates.
- Demonstrated strong problem-solving skills, quickly identifying and resolving critical production issues, reducing downtime and improving application stability.
- Reduced the website's loading time by optimizing image assets and implementing lazy loading techniques, leading to improved user experience and a decrease in bounce rate.
- Resolved complex technical issues promptly, maintaining an average bug resolution.
- Worked on enhancing accessibility features, leading to a increase in user satisfaction and compliance with accessibility standards.

Customer Care Unit at Telkom Regional 6

Position: Back-End Engineer, Data Engineer

July 2021 — June 2023

Location: Balikpapan, Indonesia

- Build and develop back-end application for dashboard analytics of customer data management.
- Develop data scrapping and filtering process for managers and helpdesk unit.
- Develop virtual servers for web application and data storing purposes.
- Help to build connecting process between different services from seperate working units under Telkom Customer Regional Unit.
- Participated in brainstorming sessions and provided innovative solutions to technical challenges, leading to the adoption of new technologies and improved development workflows.
- Contributed to the development of a microservices architecture, enhancing scalability and enabling the company to handle a increase in user traffic.
- Demonstrated strong problem-solving skills, quickly identifying and resolving critical production issues, reducing downtime and improving application stability.
- Implemented monitoring and logging solutions, leading to a reduction in time taken to identify and resolve production issues.
- Implemented a data caching strategy, resulting in a decrease in database queries and overall server load.

StartSurabaya Gen 4.0 at PT Kibar Jakarta

Position: Back-End Engineer

May 2016 — July 2019

Location: Surabaya, Indonesia

- Build and develop back-end application for dashboard analytics of ever-changing needs of the clients.
- Work closely with front-end developers to ensure that the user-facing side of the application is functioning properly.
- Responsible for ensuring the security and performance of the application, as well as troubleshooting any technical issues that may arise.
- Integrated third-party APIs, enabling the application to offer new services and expanding the customer base.
- Contributed to the development of a user authentication system, resulting in a decrease in security vulnerabilities.
- Implemented monitoring and logging solutions, leading to a reduction in time taken to identify and resolve production issues.
- Refactored legacy code, resulting in a reduction in code complexity and increased feature delivery speed.
- Resolved a major security vulnerability by applying input validation and sanitization, preventing potential data breaches and safeguarding user information.

Pusat Pengembangan Kurikulum dan Pembelajaran (PPKP) UBAYA

Position: Back-End Engineer, Data Engineer

February 2014 — January 2016

Location: Surabaya, Indonesia

- Designing and implementing the database structure, writing efficient and scalable code for server-side logic, and integrating front-end elements into the application.
- Responsible for creating and maintaining the server-side of a e-learning web application.
- Participated in brainstorming sessions and provided innovative solutions to technical challenges, leading to the adoption of new technologies and improved development workflows.
- Introduced a distributed logging system, enhancing troubleshooting capabilities and reducing system downtime.
- Refactored legacy code, resulting in a reduction in code complexity and increased feature delivery speed.
- Conducted performance tuning on backend services, resulting in a reduction in resource utilization and operational costs.
- Assisted in developing a comprehensive documentation system for the codebase, improving onboarding for new team members.

PROJECTS

Dashboard OBL (Outbound Logistics)

July 2023 — December 2023

- Leverage in both front-end and back-end technologies to design, implement, and maintain web applications.
- Implemented responsive and user-friendly front-end interfaces using modern frameworks and libraries.
- Developed and optimize mechanisms for efficient data collection, ensuring accuracy and reliability.
- Implemented robust back-end processes to handle and process collected data, maintaining data integrity throughout the lifecycle.
- Utilized data validation techniques to enhance the quality of collected information.
- Built interactive and dynamic dashboards that provide meaningful insights through data visualization.
- Implemented real-time updates and ensure the responsiveness of dashboards for an optimal user experience.

Tech : PHP Laravel, Guzzle HTTP, Yajra DataTables, LDAP Auth, Flysystem SFTP, Python ETL, Perl, Bash, Nginx with Port Forwarding, jQuery, PostgreSQL, Git

Dashboard CUAN (Customer Analytics) BORNEO

Augustus 2022 — April 2023

- Designed and implemented of robust data analytics processes tailored for Telkom IndiHome customers in the Kalimantan Region.
- Developed intricate algorithms and mechanisms to extract actionable insights from customer data, enhancing decision-making capabilities within the Customer Care Unit.
- Acted as the principal Backend Developer, architecting and constructing the server-side infrastructure that powers the Dashboard CUAN.
- Leveraged expertise in backend technologies and frameworks to ensure the seamless integration of data processing, storage, and retrieval functionalities.
- Established effective data management practices for consumer-based Telkom IndiHome customers, ensuring the security, privacy, and integrity of sensitive consumer data.

Tech : PHP Laravel, Apache with Port Forwarding, Bash, Perl, Python, PostgreSQL, LDAP Auth, Nuovo Spreadsheet Reader, Maatwebsite Excel, Vue.js, Chart.js, Git

Dashboard CARING

December 2021 — January 2023

- Developed sophisticated algorithms to identify potential churning indicators, allowing proactive measures to retain valuable customers.
- Acted as the principal Backend Developer, architecting and developing the server-side infrastructure that powers the Dashboard CARING.
- Employed cutting-edge backend technologies and frameworks to integrate data processing, storage, and retrieval functionalities seamlessly.
- Engineered an advanced Decision Support System aimed at empowering the Customer Experience Division with actionable insights.
- Established effective data management practices for churning analytics, ensuring the accuracy and relevance of customer-related data.

Tech : PHP Laravel, Apache with Port Forwarding, Bash, Perl, Python, PostgreSQL, Vue.js, Guzzle HTTP, BeyondCode Websockets, Javascript MediaStream API, Git

Dashboard CGC (Customer Get Customer)

October 2021 — June 2022

- Established a performance monitoring framework for Telkom Plaza and the IndiHome Sales Force, allowing real-time tracking and analysis of key performance indicators.
- Orchestrated the design and implementation of a comprehensive data analytics platform catering to Telkom Plaza and the IndiHome Sales Force.
- Leveraged advanced analytics techniques to derive actionable insights, contributing to informed decision-making.
- Served as the lead Backend Developer, constructing the robust server-side infrastructure underpinning the Dashboard CGC.
- Implemented scalable backend solutions, ensuring seamless integration of data analytics functionalities.

Tech : PHP Laravel, Apache with Port Forwarding, Bash, Perl, Python, Yajra DataTables, PostgreSQL, Git

One-Page Monitoring Telkom Regional 6 Plaza CCTV Footage

December 2021 — April 2022

- Designed and implemented of the backend infrastructure supporting the One-Page Monitoring website, ensuring scalability and robust performance.
- Developed server-side components to facilitate seamless communication between the website and the CCTV footage sources.
- Employed data engineering techniques to ensure efficient processing and rendering of real-time CCTV footage.
- Implemented robust security measures to safeguard access to the CCTV footage, ensuring compliance with privacy and data protection standards.
- Established access control mechanisms to restrict viewing permissions based on user roles and responsibilities.

Tech : Javascript, Node.js Express, Docker, Golang, Bash, Apache with Port Forwarding, Git

WinBack (CRM B2B SaaS System)

Augustus 2021 — October 2021

- Implement the development of a robust backend infrastructure, adhering to industry best practices and coding standards.
- Ensured scalability, security, and efficiency in all aspects of the backend system, contributing to the overall stability of the WinBack project.
- Implemented advanced data analytics methodologies to dissect and understand consumer churn behavior patterns.
- Developed algorithms and models to predict and analyze consumer behavior, providing valuable insights for proactive decision-making.
- Engineered comprehensive tools for the effective management of consumer churn behavior within CRM B2B SaaS companies.

Tech : Node.js, Apache, WebSocket, SSL/TLS, OAuth, Java, Git