Syahbani Hoir

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I am a graduate of Budi Luhur University, majoring in Computer Science, with an interest and expertise in the fields of Web Developer, Data Analysis, and Data Science. Master HTML, CSS, PHP, Java, SQL, and Python, and have experience building web-based information systems such as the DBD Case System and the Assistance Feasibility Analysis System using the SAW method. Skilled in using Microsoft Office and Google Workspace to support data processing, visualization, and reporting. Have good communication skills, be meticulous in working, and be able to handle multitasking efficiently. I am ready to contribute professionally with a high enthusiasm for learning and a commitment to optimal work results.

EXPERIENCE

PT Teknologi Grosir Anugrah - Tangerang City, Banten   Nov 2024 - Feb 2025
Data Science - Freelance
- Collect data from various sources, perform data cleaning, preprocessing, and data transformation as the stage of preparation for analysis using Microsoft Excel
- Develop and automate web-based data mining analysis processes using a priori algorithm, including combination searches of up to 3-itemet
- Designing system features such as transaction data import, processing of a priori algorithmic modeling, and interactive visualizations that are easy for non-technical users to understand
- Build and integrate web analytics systems using PHP Native, SQL, HTML, CSS, and JavaScript to accommodate real-time data analysis processes
- Design an interactive dashboard and intuitive user interface (UI), making it easier to deliver data-driven insights
- Perform Black Box testing to ensure reliability, accuracy of analysis results, and system stability
- Generate in-depth data visualization to identify purchasing patterns and product bundling opportunities, supporting more effective business and promotional strategies

PT Teknologi Grosir Anugrah - Tangerang City, Banten   Feb 2024 - Mei 2024
Data Analytics - Internship
- Explore and clean data using Microsoft Excel and Google Sheets
- Conduct exploratory analysis (EDA) to identify trends, patterns, and insights and report the insights gained to stakeholders
- Implement data analysis using a priori algorithm to find association patterns in sales transaction data, identify relationships between products, and support strategic decision-making such as product recommendations or determination of promotional packages
- Using Microsoft Excel as one of the main tools in the analysis process

Walikota Kota Administrasi Jakarta Selatan - South Jakarta, DKI Jakarta   Mar 2023 - Jul 2023
Web Developer - Internship
- Input data and Write articles and informative content into the website
- User-friendly and informative website design using Figma
- Create and develop websites using the native PHP programming languages, Javascript, HTML, CSS, and SQL
- Perform web testing using the Black Box Testing method

Direktorat Jendral Imigrasi - South Jakarta, DKI Jakarta   Sep 2018 - Nov 2018
Archives & Data Entry - Internship
- Archiving and entry of documents into the database system in the Directorate General of Immigration system
- Manage incoming and outgoing mail into SISUMAKER internal system
- Input of mail number in the system of the directorate general of immigration
- Responsible for tidying up and sorting mail according to the layout of the mail warehouse

EDUCATION

Universitas Budi Luhur - South Jakarta, DKI Jakarta   Sep 2020 - Aug 2024
Bachelor's Degree in Computer Science, GPA 3.92/4.00

- Graduated with Magna Cum Laude honors
- Thesis Title: Implementation of Data Mining with a Web-Based A Priori Algorithm for Sales Data Analysis in Roemah Pangan Abadi
- Participate in various campus events, including competitions and webinars

PROJECT

- **Web-Based Dengue Case Information System** 🔗 **-** (2023)
  Developed a system to monitor and manage dengue case data, featuring data entry, spread tracking, sub-district-level data visualization charts, and automated report generation.
- **Web-Based Decision Support System for Dengue Aid Eligibility - SAW Method** 🔗 **-** (2023)
  Built a decision support system using the Simple Additive Weighting (SAW) method to automate the eligibility analysis of aid recipients among dengue-affected residents.
- **Web-Based Market Basket Analysis with Machine Learning - Apriori Algorithm** 🔗 **-** (2024)
  Developed a web-based machine learning tool for market basket analysis using the Apriori algorithm, equipped with interactive visualizations, Excel import, data preprocessing, and result evaluation features.

CERTIFICATION

Data Analytics (Fresh Graduate Academy) 🔗 **-** Digital Talent Scholarship   08/2025 - Now
Data Analytics training program covering Skills and Tools used in the industry

Mini Course Intro to Data Analytics 🔗 **-** RevoU   07/2025 - Now
Certificate program understanding of the basics of Data Analytics

Introduction To Information Security Course 🔗 **-** Cyber Academy Indonesia   06/2025 - Now
The certificate program helps develop basic knowledge and technical proficiency in Information Security

Google Cloud Computing Foundations Certificate 🔗 **-** Google, Universitas Budi Luhur   08/2024 - Now
Certificate programs help learners develop technical proficiency in cloud computing

Web Development Fundamentals 🔗 **-** Sololearn   06/2022 - Now
Acquisition of a certificate of understanding of Web Development Fundamentals

PHP 🔗 **-** Sololearn   05/2022 - Now
Acquisition of a certificate of understanding of PHP programming language

Basic Computer Algorithm Competency 🔗 **-** Universitas Budi Luhur   02/2022 - Now
Acquisition of a certificate of understanding of algorithms using the C programming language

Course HTML & CSS 🔗 **-** Progate   09/2021 - Now
Acquisition of HTML and CSS comprehension certificates as the foundation of website creation

Increase Productivity With Microsoft Excel 🔗 **-** Skill Academy by Ruangguru   08/2020 - Now
Acquisition of certificates for understanding formulas in Microsoft Excel

Learn the Basics of Web Programming 🔗 **-** Dicoding Indonesia   03/2022 - 03/2025
Obtaining a certificate of basic understanding of HTML and CSS as the three foundations of website creation

SKILLS

- **Soft Skills**: Teamwork, Discipline, Communication, Decision Making, Problem Solving, Time Management, Multitasking, Critical Thinking, Adaptability
- **Hard Skills:** Tools & Software: MySQL, Firebase, Power BI, Git & GitHub, SPSS, Microsoft Office (Ms.Word, Ms.Excel, Ms.PowerPoint, Google Workspace), Rapidminer, Figma, Photoshop, Canva
- **Hard Skills:** Programming Language: HTML, CSS, JavaScript, PHP, Java, SQL, C, Python
- **Hard Skills:** IT Support: Troubleshooting and Installasi Hardware, Software, LAN Network, Microtik Configuration