MUHAMMAD RIZKI ADHA

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EDUCATION

STATE POLYTECHNIC BATAM   Batam, Riau Islands
Bachelor of Applied Science in Informatics Engineering   Expected October 2025

  Major in Informatics Engineering; Minors in Cyber Security
  Cumulative GPA: 3.70/4.0;
  Relevant Coursework: Programming and Algorithm, Object Oriented Programming, Database Security, Data Structure, Secure Programming, and Security Assessment, Secure Software Development;

PUBLIC VOCATIONAL HIGH SCHOOL 2 TEBING TINGGI   Tebing Tinggi, North Sumatera
Software Engineering   2018 - 2021

WORK EXPERIENCE

UDACODING   Batam, Riau Islands
Fullstack Web Developer Intern   Feb 2023 – Aug 2023
- Collaborated with a team of experienced developers to contribute to the development of web applications using modern technologies such as Laravel, Vue.js, and MySQL
- Developed and maintained RESTful APIs with Laravel for seamless communication between the front-end and back-end components of the application.
- Involved in writing application-level code to interact with APIs Web Services using Axios, JSON, and Vue resource
- Used Git for version control and have worked with GitFlow
- Contributed to the development of the API and Dashboard for the Riderunner Application - https://play.google.com/store/apps/details?id=my.riderunner.app_client1
- Executed the migration of storage from shared hosting to Amazon S3, optimizing data storage and enhancing scalability and reliability
- Assisted in designing and implementing responsive user interfaces using HTML, JavasScript, and CSS frameworks like Bootstrap and TailwindCSS
- Collaborated closely with designers and UI/UX specialists to create visually appealing and intuitive user interfaces.

INSIGHT MARKETING COMMUNICATION   Medan, North Sumatera
Front End Web Developer Intern   Jan 2020 – Apr 2020
- Implemented websites Mie Ayam Hajimahmud from concept through deployment
- Actively contributed to the development and testing of the front end for the Dashboard Mie Ayam Hajimahmud
- Standardized all output with a new, responsive, and mobile-first approach
- Collaborated with product team members to implement new feature developments

UNIVERSITY PROJECTS

SIM POLIBATAM - WEB PENETRATION TESTING   Jan 2023 – July 2023
- Performed web penetration testing on SIM Polibatam (Sistem Informasi Manajemen Politeknik Negeri Batam) vulnerability assessment of database servers
- Provided recommendations and implemented security measures to mitigate identified vulnerabilities
- Port scan server using NMAP and close all unnecessary ports to reduce the attack surface
- Perform regular Vulnerability Assessments and Penetration Testing using various security tools such as - Burp Suite, Metasploit, Acunetix, SQLmap
- Identified, and assessed vulnerabilities and security risks in the web application

ASTUNGKARA – SECURITY AND MONITORING INFRASTRUCTURE   Aug 2022 -Dec 2022
- Built and configured Web Server and Database Server using Ubuntu Server 22.04, Apache2, and MariaDB
- Collected and analyzed activity logs from monitored systems using Wazuh
- Identified and promptly responded to suspicious activities in real-time
- Utilized Wazuh's built-in vulnerability scanning feature to detect system vulnerabilities
- Designed and developed the "PBL Forum", a forum website, using the Laravel framework, while incorporating SIEM (Security Information and Event Management) functionality

ADDITIONAL

Technical Skills: HTML, CSS, Javascript, PHP, SQL, Bootstrap, TailwindCSS, VueJS, ReactJS, Laravel, WordPress
Soft Skills: Problem-Solving, Critical thinking, Time and Project Management, Analytical thinking, Patience
Languages: Fluent in Indonesian; Intermediate in English
Certifications & Training: IT Support Google (Coursera), Junior Network Administrator (BNSP), Advanced Ethical Web Hacking & Security (X-code Go Training)