






Muhammad Arjunanda

Sr. Software Engineer

Details

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Skills

Web Development

Mobile Development

Technical Management

Database Management

LINUX

Pentester

Summary

As a Software Engineer with over 4 years of experience, I specialize in both frontend and backend development, utilizing various programming languages and frameworks to build robust and efficient applications across different platforms. My role also involves performing comprehensive security assessments as a Penetration Tester, identifying and addressing vulnerabilities with a combination of automated tools and manual techniques to enhance overall security. Additionally, I bring expertise in DevOps, focusing on optimizing deployment processes and continuous integration/continuous deployment (CI/CD) pipelines to improve development workflows and operational efficiency.

Employment History

Software Developer, CV. Lintas Data Piranti, Bandung

Februari 2020 - Februari 2021

- **WordPress Theme and Plugin Development** involves designing and developing responsive WordPress themes, creating, and managing WordPress plugins to add additional functionality according to client or project requirements.
- **CodeIgniter (CI) Integration and Customization** entails integrating CodeIgniter as the backend framework for web development and customizing it according to project needs, including database management, routing, and business logic.
- **Analyzing and Identifying Causes of Bugs or Issues** reported by users or the development team, including debugging to find errors in the code, and implementing solutions to ensure smooth functionality.

Software Engineer, PT. Redbuzz Mediatama, DKI Jakarta

Februari 2021 - Sekarang

- **Building Responsive User Interfaces** using HTML, CSS, and JavaScript, as well as frontend frameworks such as React.js, Angular.js, or Vue.js to create dynamic and interactive web applications.
- **Designing and Managing Database Structures** by performing queries and integrating applications with external services through the use of APIs.

- **Ensuring Application Security** by applying information security practices, including validating user input, managing authentication, and optimizing performance on both the frontend and backend through debugging and profiling activities to enhance efficiency.
- **Conducting Penetration Testing** to identify security vulnerabilities within applications and infrastructure, using both automated tools and manual testing methods to simulate real-world attacks and uncover potential weaknesses.
- **Developing and Implementing Secure Coding Practices** to prevent common vulnerabilities such as SQL Injection, Cross-Site Scripting (XSS), Cross-Site Request Forgery (CSRF), etc.
- **Developing Backend Services and APIs** using programming languages such as PHP, Python, Java, or Node.js to create scalable and efficient server-side applications.
- **Managing Server Environments and Databases**, including tasks such as deployment, monitoring, performance tuning, and ensuring data integrity and security.
- **Collaborating with Cross-Functional Teams** to integrate security measures during the software development life cycle (SDLC), ensuring that security is built into every stage from design to deployment.
- **Creating and Maintaining Technical Documentation** to provide detailed insights into software development processes, security protocols, and troubleshooting procedures for future reference and ongoing improvements.
- **Performing Code Reviews** to assess and improve the quality and security of the codebase, providing feedback to peers and ensuring adherence to best practices.

Projects

Mobile Development :

- **Otonometer App** : React Native
- **OnlyLaw App** : React Native
- **Fotobox Mobile** : Flutter
- **Black Dyno** : Flutter

Website Development :

- **Mall Taman Anggrek WebApp** : NextJs (MaterialUI Template)
- **Jualaudio.com** : NextJs
- **GIK EMS** : Golang
- **Neraca Ruang** : NextJS
- **Djarum Foundation** : Angular
- **Djarum.com** : Laravel
- **BlackExperience** : Laravel
- **MLDSpot** : Angular and Laravel
- **LPS (GLIK)** : Angular
- **Danamon Sales Toolkit** : Laravel and Angular

- **Bluebird Group** : Laravel
- **Kemnaker** : Laravel and React
- **CerChat Whatsapp Bot** : Nextjs and Nestjs
- **EsyThink WebApp** : React Redux
- **Yometu App** : Nextjs, PWA, and Capacitor
- **Aneka Komkar Utama** : Laravel
- **Event Gerai Isuzu** : Laravel
- **Web Lintas Data Piranti** : Wordpress
- **e-SPMAMS** : PHP (Framework CI)
- **e-Pengawas** : PHP (Native), CSS, HTML, and JavaScript

Penetration Testing :

- SBI Mediasin
- Djarum
- BlackXperience
- MLDSpot

WAF Module Development :

Apache Link : [Apache](#) (Ongoing Development)

Nginx Link : Ongoing