

Ivan Andika Surya

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SUMMARY

I am a multi-skilled professional specializing in web design, web development, and web penetration testing. With expertise in creating visually appealing interfaces, building a quality website, and ensuring web security, I am dedicated to delivering innovative and secure web solutions.

EDUCATION

Aug 2019 – Oct 2023

Satya Wacana Christian University

Bachelor of Science in Information Technology

GPA: 4.00 (Currently receive Academic Achievement Scholarship)

EXPERIENCES

Sep 2022 – Present

IT Programmer and Penetration Tester at PT Sumber Alfaria Trijaya, Tbk (Internship)

- Building web applications using JavaScript, Python and Flask framework. Focusing on migrating the application from Oracle to PostgreSQL
- I have gained a strong understanding of web technologies and have been able to deliver innovative and efficient solutions to meet user needs
- I was tasked to identify security vulnerabilities in several web platforms owned by Alfamart and its subsidiary companies.
- I discovered various security vulnerabilities, including SQL Injection, HTML Injection, Cross-Site Scripting (XSS), No Rate Limit, Bypass OTP, Security Misconfiguration, Broken Access Control, and more

Jan 2022 – Aug 2022

Psychology Test Web Developer at Satya Wacana Christian University

- Worked as part of a collaborative team, I have successfully contributed to both front-end and back-end development tasks
- Worked with the CodeIgniter framework and used PHP as programming language
- Handled the UI aspects of the email templates sent through the Sandgrid web server

May 2022 – Jul 2022

Assistant Lecture of Computer Graphics

May 2021 – Jul 2021

Assistant Lecture of Operating System

PERSONAL PROJECTS

Mar 2023 - Present

Web Penetration Testing

- Offering my expertise to various companies
- Successfully identified security vulnerabilities and provided comprehensive reports to the respective organizations
- Proud to mention that my reports were well received, resulting in security fixes
- I utilized various tools such as Burp Suite, sqlmap, and many others

Jan 2022

Kotak – Kos dan Kontrakan

- Kotak is a web for searching boarding houses and rental accommodations
- Kotak was made using PHP and the Laravel framework
- Actively contributed to the design and front-end development of the project

Dec 2021

Kretix – Online Train Ticketing

- Kretix is a web application used to order train tickets online
- This application was developed using PHP and the Laravel framework
- Contributed actively throughout the project, including design, front-end, and back-end development

CERTIFICATES

Jul 2023	EC-Council: Cyber Novice - Ethical Hacking, Kominfo
Jul 2023	Ethical Hacking Essentials (EHE), EC-Council
May 2023	Penetration Testing and Ethical Hacking Complete Hands-on, Udemey
May 2023	Kickstart UI UX Design Journey, Rakamin
Apr 2023	Belajar Membuat Aplikasi Back-End untuk Pemula, Dicoding
Mar 2023	The Complete Web Penetration Testing & Bug Bounty Course, Udemey
Nov 2022	Database Design and Programming with SQL, Oracle
Nov 2022	Belajar Dasar Pemrograman JavaScript, Dicoding
Jul 2021	Belajar Dasar Pemrograman Web, Dicoding
May 2021	Cloud Practitioner Essentials (Belajar Dasar AWS Cloud), Dicoding

SKILLS

As Web Penetration Tester

- Skilled in performing comprehensive vulnerability assessments to find potential weaknesses in web systems and suggesting appropriate countermeasures
- Experienced in utilizing a various security testing tools (e.g., Burp Suite, OWASP ZAP, Nmap, Metasploit)
- Having basic knowledge about SIEM and SOAR
- Strong ability to produce vulnerability reports with detailed findings, recommendations, and risk assessments
- Dedicated to staying updated with the latest security trends, vulnerabilities, and hacking techniques through continuous learning

As Web Developer

- Proficient in HTML, CSS, JavaScript, and modern front-end frameworks (e.g., Bootstrap, Tailwind)
- Experienced in using Python, PHP, Node.js and few frameworks such as Flask, Laravel, and CodeIgniter
- Knowledgeable in working with MySQL and PostgreSQL
- Familiar with version control systems
- Strong analytical and problem-solving skills to identify and resolve technical issues, debug code, and implement effective solutions

ORGANIZATIONS

Jan 2020 – Jan 2021	Faculty Student Senate Functionary at Satya Wacana Christian University <ul style="list-style-type: none">• Worked in Information and Communication Department• Created Instagram content for regular posts
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TOEFL	583 Test Score
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