# 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.

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## EDUCATION

**Aug 2019 – Oct 2023**

**Satya Wacana Christian University**
Bachelor of Science in Information Technology
GPA: 4.00
Currently receive Academic Achievement Scholarship

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## EXPERIENCES

**Sep 2022 – Present**

**IT Programmer at PT Sumber Alfaria Trijaya, Tbk**
- 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

**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 the primary 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**

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## 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
- During my engagements, I utilized various tools such as Burp Suite, sqlmap, and many others

**Jan 2022**

**Kotak – Kos dan Kontrakan**
- Kotak is a web application 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

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|---|---|
| May 2023 | Penetration Testing and Ethical Hacking Complete Hands-on, Udemy |
| 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, Udemy |
| 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)
- 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**
- Worked in Information and Communication Department
- Created Instagram content for regular posts