

IVAN ANDIKA SURYA

Alam Sutera, Tangerang. +62895391703636. ivanandikasurya21@gmail.com

SUMMARY

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

EDUCATION

-
- | | |
|---------------------|---|
| Aug 2019 – Oct 2023 | Satya Wacana Christian University
GPA: 4.00 – Bachelor of Science in Information Technology <ul style="list-style-type: none">• Graduated Cum Laude with the highest GPA• Academic Achievement Scholarship |
|---------------------|---|
-

EXPERIENCES

-
- | | |
|---------------------|--|
| Sep 2023 - Present | IT Research & Security Specialist - PT Sumber Alfaria Trijaya, Tbk (Alfamart) <ul style="list-style-type: none">• Designed and developed a desktop-based client System Management Appliance, deployed nationwide across all Alfamart stores, using PureBasic.• Built a dashboard using Python (Flask) and Bootstrap, deployed on Google Cloud Run, to efficiently manage and monitor the appliance system.• Developed a RESTful API using Python (Falcon), deployed on a Huawei Elastic Cloud Server (ECS), to support backend operations and data exchange for the appliance system.• Currently developing a desktop-based Client Login SSO system using PureBasic. |
| Aug 2023 – Sep 2023 | IT System Integration Programmer Analyst - PT Sumber Alfaria Trijaya, Tbk (Alfamart) <ul style="list-style-type: none">• Collaborated with the team to develop the initial phase of a custom Python Kivy UI framework. |
| Sep 2022 – Aug 2023 | IT Programmer Intern - PT Sumber Alfaria Trijaya, Tbk (Alfamart) <ul style="list-style-type: none">• Developed a web-based data management form using Webix and JavaScript, improving efficiency in managing critical business operations.• Successfully migrated Oracle Forms applications to PostgreSQL-based web forms, enhancing system performance and scalability. |
-
- | | |
|---------------------|---|
| Feb 2024 – Aug 2024 | Freelance Web Developer - Kementerian Pekerjaan Umum (PUPR)
Hibah Air Limbah Terpusat (HALT) 2024 Project <ul style="list-style-type: none">• Created a web platform using PHP (Laravel) and Bootstrap to manage national sanitation development data.• Contributed to four key project stages: survey data distribution, data management, construction processes, and post-construction verification. |
|---------------------|---|
-
- | | |
|----------|---|
| Aug 2024 | Freelance Web Developer - Desa Kebonan
Website Enhancement <ul style="list-style-type: none">• Revised and improved the PPID page using CodeIgniter and PHP to enable better document and official letter management for public access.• Added filtering features to simplify residents' access to village administrative documents. |
|----------|---|
-
- | | |
|----------|--|
| Jun 2024 | Freelance Web Developer - Thornhill Capital
Landing Pages Project <ul style="list-style-type: none">• Designed and developed a company profile website using Python (Flask) and Bootstrap to enhance brand presence and effectively communicate the company's values and services. |
|----------|--|
-

Jan 2022 – Aug 2022	Freelance Web Developer at Satya Wacana Christian University Online Psychology Test Website <ul style="list-style-type: none"> • Collaborated with a small team to develop an online platform for administering psychology tests. • Focused on front-end development and implemented key back-end functionalities using CodeIgniter and PHP. • Designed and optimized UI for email templates sent through the SendGrid server.
May 2022 – Jul 2022	Assistant Lecture of Computer Graphics <ul style="list-style-type: none"> • Lectured on 2D and 3D graphics using OpenGL GLUT and C++. • Coordinated assistant lectures in one semester, managing lesson plans, creating materials, and grading systems.
May 2021 – Jul 2021	Assistant Lecture of Operating System <ul style="list-style-type: none"> • Delivered lectures on operating systems, with a focus on Linux.

SKILLS

Programming Languages	Purebasic Python PHP JavaScript C / C++	Advanced Advanced Intermediate Intermediate Intermediate
Desktop Development	PureBasic Python Kivy	Intermediate - Advanced Beginner
Web Development	HTML, CSS, Bootstrap Flask, Falcon Laravel, CodeIgniter	Advanced Advanced Intermediate
Database Management	MongoDB MySQL, PostgreSQL	Intermediate - Advanced Intermediate
Cybersecurity	Penetration Testing	Beginner

CERTIFICATES

Oct 2023	Awarded for Graduating Cum Laude with the Highest GPA, UKSW
Jul 2023	Best Participant Batch 2 - DTS FGA 2023, EC-Council: Cyber Novice - Ethical Hacking, Kementerian Komunikasi dan Informatika (Kominfo)
Jul 2023	Ethical Hacking Essentials (EHE), EC-Council
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

ORGANIZATIONS

Jan 2020 – Jan 2021	Faculty Student Senate Functionary (Satya Wacana Christian University) <ul style="list-style-type: none">• Worked in Information and Communication Department• Created instagram content for scheduled posts
---------------------	--

TOEFL	583 Test Score
--------------	----------------
