



ANDREW FIRMAN SAPUTRA

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I'm a **Software Engineer** with a degree in **Computer Science** specializing in **Website** development. Experienced in developing efficient web and desktop applications. Skilled in various programming languages and frameworks.

About myself in 5 words: Conventional, Realistic, Conscientious, Win-Win, Mastery Oriented.

Skills

- **Web Development:**
 - Frontend: HTML, CSS, JavaScript, Bootstrap 5, jQuery, TailwindCSS, ReactJS, VueJS, NextJS
 - Backend: PHP, Laravel 7, CodeIgniter 3, AJAX, JSON, SilverStripe
- **Programming Languages:**
 - General Purpose: C, C#, C++, Java, Python, VB, Pascal, Delphi 3, Delphi 5, Delphi 7, Lazarus, Go, WPF, Qt
 - Mobile Development: Kotlin, Dart, Android SDK, Ionic, Flutter
- **Frameworks & Libraries:**
 - BeautifulSoup, Requests, PyTorch, TensorFlow, Keras
- **Databases:**
 - MySQL, PostgreSQL, OracleSQL
- **Tools & Platforms:**
 - Microsoft Azure, Microsoft Azure AI, Microsoft Azure Data, Vercel, Cloudflare Pages, Unity 2D & 3D
- **Design & Multimedia:**
 - Figma, Canva, Adobe XD, Adobe Photoshop, DaVinci Resolve, Vegas Pro 14 Edit

Work Experience

Brighton Real Estate – Surabaya, Indonesia

Back End Developer

September 2024 – Present

- Developed the website, business logic, and back-end systems to support business operations, focusing on the development of software solutions.

PT Untung Bersama Sejahtera – Surabaya, Indonesia

Software Engineer

July 2023 – June 2024

- Developed the AUDIT web application, automating report generation and increasing efficiency by 20% using HTML, CSS, PHP, and CodeIgniter.
- Enhanced the Necklace Department System application by adding 3-5 new features, utilizing Delphi 5 and Pascal.
- Improved the Workshop Department System application by implementing 2-3 new features, using Delphi 3, Kylix, and Pascal.
- Optimized and normalized SQL code for Oracle and MySQL databases, resulting in improved query performance; achieved a 25% reduction in data retrieval time, enhancing overall team productivity for more than 3 departments.
- **Fostered a positive company culture** by promoting effective and polite telephone communication, resulting in a 20% increase in user satisfaction scores and reducing call resolution times by 15%.

PT Deus Code – Surabaya, Indonesia

Back End API Developer Intern

July 2021 – November 2021

- Engineered and implemented REST APIs for seamless integration with Instagram and Facebook Business, enhancing user engagement by enabling real-time data retrieval; project completion led to a 30% increase in user interactions within 3 months.
- Designed and managed MySQL databases to **store, analyze, and display** data in a **dashboard** format for more than 3 business partners.
- Successfully collaborated and delivered projects with more than 5 programmers and users while **working remotely** during the COVID-19 pandemic.

Education

Petra Christian University – Surabaya, Indonesia

Bachelor of Computer Science

July 2018 – July 2022

- **GPA: 3.75, Cum Laude**
- Programming Languages: C, C#, C++, Java, Python, JavaScript, PHP, HTML
- Frameworks and Tools: Laravel, Ionic, Visual Basic
- Design Tools: Figma, Adobe XD, Canva
- Awards: **Most Outstanding Student (1st Term)**

Organizational Experience

Student Executive Board Petra Christian University – Surabaya, Indonesia

Information Technology Staff

August 2019 – August 2020

- Managed and maintained a website and application systems, improving functionality and user experience for over 300 users.
- Adapted to remote work during the COVID-19 pandemic, maintaining 100% uptime and ensuring the uninterrupted operation of IT services for a student of over 1,000.
- Facilitated effective **communication and collaboration** among a cross-functional team of 15+ members through regular meetings.

Bharatika Design Festival Petra Christian University – Surabaya, Indonesia

Information Technology Coordinator

June 2019 – March 2020

- Led a team of 3 IT staff to enhance website promotion and manage event registration for over 100 participants.
- Coordinated with 10+ members from the Design major, **overcoming interdisciplinary challenges** to integrate IT and design efforts for a seamless event experience.
- Adapted to the COVID-19 pandemic by transitioning from **an offline event to an online submission contest**, ensuring the event's continuity for more than 100 participants.