



# ANDREW FIRMAN SAPUTRA

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Surabaya, East of Java, Indonesia

I'm Andrew Firman Saputra, a Software Engineer who graduated from Petra Christian University in 2022 with a degree in Computer Science, specializing in AI. I have a strong aptitude for logic and enjoy making new friends, playing video games, and hosting gaming servers. As a person, I believe in doing good whenever possible and trust that everything else will fall into place. I have a keen interest in philosophy and theory, and I'm a quick learner who believes that all programming languages are fundamentally the same, with the key being algorithmic and programming thinking. Balancing my introverted and extroverted tendencies, I am dedicated to helping others succeed

## Education Level

**Universitas Kristen Petra**  - Surabaya, Indonesia

Aug 2018 - Aug 2022

*Bachelor Degree in Informatics, 3.75/4.00*

- During my university years, I took on various leadership and support roles, including coordinating IT efforts and managing logistics for different events. I also pursued professional development by earning certifications in relevant technical skills and achieved a good score on the English Proficiency Test.
- Programming: C, C#, C++, Java, Python, JavaScript, PHP, HTML, Laravel, Ionic, Visual Basic
- Design: Figma, Adobe XD, Canva

## Work Experiences

**PT Untung Bersama Sejahtera** - Surabaya, Indonesia

Jul 2023 - Jun 2024

*Software Engineer*

- Developed the AUDIT web app to automate report generation, around 80% more efficient (HTML, CSS, PHP, CodeIgniter)
- Coded the internal Necklace Department System App, contributed up to 3-5 new features to the application (Delphi 5, Pascal)
- Coded the internal Workshop Department System App, contributed up to 2-3 new features to the application (Delphi 3, Kylix, Pascal)
- Database: Oracle, MySQL, delivered 99.5% normalized and efficient SQL code for the team

**Deus Code** - Surabaya, Indonesia

Jul 2021 - Nov 2021

*Back End API Developer Intern*

- Designed and developed a 99.5% proof of concept system for front-end and back-end data reporting from Instagram and Facebook API (PHP, HTML, CSS, jQuery, Code Igniter)
- Database: MySQL, delivered 99.5% clean SQL code for the team.

## Organisational Experience

**Bharatika Creative Design 2020** - Surabaya, Indonesia

Jun 2019 - Mar 2020

*IT Coordinator*

- Coordinated all IT staff to support website promotion and event registration, ensuring smooth technological operations. (Bootstrap, PHP, MySQL)

**Student Executive Board 2019-2020** - Surabaya, Indonesia

Aug 2019 - Aug 2020

*IT Staff*

- Supported BEM UK Petra with IT functions, including website and application management. (Bootstrap, PHP, MySQL)

**LKMM TD 2019** - Surabaya, Indonesia

Jun 2019 -

*IT Staff*

LKMM-TD is a form of effort to provide knowledge and managerial skills to manage various student organizations.

- Supported LKMM-TD 2019 with IT functions, including website and application management for registration and news updates. (Bootstrap, PHP, MySQL)

## Skills, Achievements & Other Experience

- **Web Programming:** HTML, CSS, Bootstrap, jQuery, PHP, AJAX, JSON
- **Desktop Programming:** C, C#, C++, Visual Basic, Pascal, Delphi 3, Delphi 5, Delphi 7, Lazarus
- **Design:** Figma, Canva
- **Cloud Computing** (2021): Microsoft Azure Fundamentals Certification
- **Game Development** (2022): Unity Game Developer Certification by KOMINFO