

# Daniel Aprillio Budiono

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## About Me

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As a Software Developer with  $\pm 2$  years of experience at various companies, I have honed my skills in a variety of programming languages and technologies. My technical expertise as informatics student includes **Swift, Objective-C, SwiftUI, iOS SDK, CloudKit, SwiftData, App Store Connect, Flutter, Dart, Java, Kotlin, Firebase, Supabase, PostgreSQL, MySQL, PHP, Laravel Framework, Javascript, Typescript, NodeJs, ReactJs, NextJs, VueJs, Python, QML, REST API, Docker, Git, Github, Agile Methodologies**, Software Development Life Cycle (SDLC), **Test Engineering & Automation** and various design patterns such as **MVC and MVVM**. Beyond my hard skills, I bring strong soft skills to the table, including leadership, collaboration, and time management. I am passionate about creating innovative solutions and am always ready to take on new challenges. I look forward to bringing my unique blend of skills and experience to future projects and collaborations.

## Education

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### Ciputra University Surabaya (August, 2020 – June, 2024)

GPA: 3.97 / 4.00 (Summa Cum Laude Predicate)

*Bachelor of Computer, Informatics*

## Working Experiences

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### Software Developer at PT. Pranala Digital Transmaritim (February, 2025 – May, 2025)

On-site in Surabaya, Indonesia. Developing a desktop-based application using Python and QML called "Dewaruci" aimed at helping the ship industry in designing and building a ship from scratch. The application is being developed in collaboration with a team from the Naval Architecture program and the Mathematics program.

### Software Developer at Saclic Studio (September, 2024 – May, 2025)

Remote in France. Developed and successfully published five cross-platform mobile applications using Flutter, so it can be deployed on both iOS and Android. Built and maintained backend services in Python, leveraging Docker for containerized deployment. Integrated Supabase and PostgreSQL for scalable user authentication and database management. Used **Git** for version control and team collaboration in an agile environment. Gained strong hands-on experience in full-stack development, delivering high-quality, production-ready applications.

### iOS Developer at Apple Developer Academy (February, 2023 – December, 2023)

On-site in Surabaya, Indonesia. Designed, developed, and maintained iOS applications using Swift and Objective-C, successfully launching four apps on the App Store through App Store Connect. I utilized SwiftUI for modern and responsive UI development and leveraged Xcode for efficient building, testing, and debugging, reducing overall debugging time by 15%. I integrated iOS SDKs to ensure seamless compatibility with the latest iOS versions, achieving a 99% compatibility rate across devices. By applying the MVVM architectural pattern, I built scalable and maintainable applications, improving code readability and reducing complexity by 30%. I also used Git for version control to manage collaborative development workflows, consistently maintaining a code integration success rate above 98%. This role sharpened my expertise in iOS development, clean architecture, and agile project execution.

## Recent Projects

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### HoldX (2025)

Developed a cross-platform mobile application using Flutter and Dart, designed to help users reduce harmful habits and improve their quality of life. HoldX was built for both iOS and Android platforms and included features such as streak tracking, guided meditation, an in-app community, a browser extension, in-app purchases, and daily notifications. Throughout this project, I gained hands-on expertise in mobile architecture, user engagement strategies, state management, and deploying monetization features. This experience deepened my skills in full-cycle mobile app development, from UI/UX design to deployment and performance optimization.

### SheGlows AI (2024)

Developed an AI-powered mobile app serving as a personal beauty consultant, providing personalized makeup, skincare, and fashion recommendations to boost user confidence and style. Leveraged Flutter and Dart for development, integrated facial

analysis using AI for tailored beauty tips, and implemented an interactive chat system for real-time beauty coaching. Built features such as makeup tutorials, product suggestions, in-app purchases, and a referral system for user engagement. Overcame challenges of designing an intuitive UI/UX and integrating seamless backend functionality independently. Gained expertise in AI integration, user engagement strategies, and full-cycle mobile app development.

#### **GoMemo AI (2024)**

Developed an innovative AI-powered mobile app that serves as a note-taker, flashcard creator, and quiz generator, designed to simplify information summarization from audio, video, text, or PDF inputs. Leveraged Flutter and Dart for frontend, and Python with RESTful APIs for backend, utilizing PostgreSQL and Supabase for data management and Docker for deployment. Key features include audio-based note generation, YouTube link transcription, document summarization, multilingual note translation, and quiz/flashcard creation. Overcame challenges transitioning from academic projects to professional development, learning new technologies like Docker and API deployment, and honed collaboration and problem-solving skills in a real-world environment.

#### **ASPRA Network (2024)**

Developed a web application using Laravel Framework, Tailwind CSS, and Livewire to streamline business processes. Key features include role-based access control, product and machine management, order creation and approval, job scheduling, production reporting, and real-time notifications via WhatsApp API. Utilized MySQL for efficient data storage and applied the MVC architecture for clean code organization. Addressed challenges like managing complex roles, optimizing large datasets, and integrating APIs by employing robust design and development practices. Gained expertise in Laravel, database optimization, API integration, and the waterfall software development model, delivering a user-friendly and efficient solution.

#### **Dialoque (2023)**

Developed a multi-platform app for iOS, iPadOS, and watchOS that helps children learn English vocabulary using engaging features like speech recognition, haptic feedback, and gamification. Designed with SwiftUI and backed by CloudKit, the app includes progress tracking via Game Center, widget support for quick practice, and seamless syncing across devices. Overcome challenges like multi-platform integration, data synchronization, and speech recognition for children by leveraging SwiftSpeech, CoreData, and responsive UI design. Gained expertise in multi-platform app development, cloud-based data management, and deploying apps on the App Store, delivering an interactive and educational learning experience.

### **Organization Experiences**

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#### **Head of Mentor, Ciputra University Mentoring Department (June, 2022 – June, 2023)**

Led a team of four mentor coordinators, improving team performance by 20% through strategic leadership and effective communication. Oversaw daily operations to enhance organizational efficiency, achieving a 15% increase in overall productivity. Designed and implemented mentorship programs tailored to the needs of 240 students, resulting in a 25% boost in student satisfaction rates.

#### **Treasurer, Ciputra University Awarding Night (April, 2023 – June, 2023)**

Managed the organization's financial activities, including budgeting and financial planning, reducing unnecessary expenses by 10%. Maintained accurate financial records and ensured compliance with financial regulations, achieving a 100% accuracy rate in financial reporting.

### **Certification & Training**

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- English Proficiency Test CEFR Level C1 by Clarity English Dynamic Placement Test (April 2024)
- Competence Occupational Programming Certification by Badan Nasional Sertifikasi Profesi (BNSP) (November 2023)
- Certified Developer by Alibaba Cloud (October 2023)

### **Additional Information**

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**Skills:** Swift, Objective-C, SwiftUI, iOS SDK, CloudKit, SwiftData, App Store Connect, Flutter, Dart, Java, Kotlin, Firebase, Supabase, PostgreSQL, MySQL, PHP, Laravel Framework, Javascript, Typescript, NodeJs, ReactJs, NextJs, VueJs, Python, QML, REST API, Docker, Git, Github, MVC, MVVM, Leadership, Collaboration, Time Management