NICHOLAUS ADHYATMA SURYA KUSUMA

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Ngagel Tirto V / 25, Surabaya, Indonesia

I am a 8th-semester student at Politeknik Elektronika Negeri Surabaya, majoring in Informatics Engineering. I am deeply passionate about software development, with a particular focus on mobile and web frontend development. I have a proven ability to create captivating user interfaces and deliver high-quality software solutions. With experience in agile development environments, I have a strong track record of completing projects and making impactful contributions. My enthusiastic and dedicated personality ensures that I always strive to give my best in every task I undertake.

Education

Politeknik Elektronika Negeri Surabaya - Surabaya, Indonesia   Aug 2021 - Aug 2025 (Expected)

Undergraduate Informatics Engineering, 3.78/4.00

- Object Oriented Programming, Web Framework Programming, Mobile Programming, Agile Software Development, Database System, Clean Code.

Professional Experience

Freelance Software Developer - Surabaya , Indonesia   Jan 2022 - Present

Software Developer

Freelance as Fullstack Developer (Flutter, Next.JS, React, Swift, Laravel, Express, Firebase, Supabase)

- Strategically developed a comprehensive web-based e-commerce platform specializing in property sales, transforming digital real estate marketing and transaction experiences
- Implemented advanced Search Engine Optimization (SEO) strategies to significantly enhance online visibility and organic search rankings
- Developed 'eVote' software for UPN's 2023 Student Council elections, implementing a secure token system to prevent fraud, increasing voter participation by 40%.
- Created a high-fidelity landing page from Figma designs, resulting in a 50% increase in user engagement.
- Built a full-stack web application for managing scholarships, improving administrative efficiency by 30%.
- Developed an expedition company application with a route optimization system, improving delivery efficiency by 25%.

PT Suitmedia Kreasi Indonesia - Jakarta Selatan, Indonesia   Sep 2024 - Jan 2025

Mobile Developer MSIB Batch 7

Suitmedia is a full-service digital agency that helps brands in digital transformation through strategy, product development, and creative communication.

- Developed a mobile application project using the Flutter framework, creating an efficient and responsive cross-platform solution.Implemented Suitmedia's code base style and best practices to ensure clean and maintainable code.
- Systematically resolved minor and major bugs, improving application stability and reliability
- Performed comprehensive dependency upgrades and migration, addressing outdated libraries and ensuring application security and compatibility
- Implement Firebase App Distribution, Analytics and Crashlytics
- Integrate data from backend with user interface with Bloc and Getx State Management

Agile Teknik - PT Maulidan Teknologi Kreatif - Surabaya, Indonesia   Jan 2024 - Jun 2024

Software Developer

A software company develops applications using Agile development methodologies.

- Developed high-performance mobile and web apps in agile teams, ensuring timely delivery of working software each sprint.
- Successfully developed and monetized multiple apps through strategic in-app ads and premium features, leading to a 50% revenue increase in the first year.
- Enhanced MC Call Quality App from Level 3 to Level 5, optimizing user experience, leading to a 40% increase in satisfaction
- Successfully launched three apps—Niko Mood, Seci Note, and Daily Plan—on Play Store and web platforms, totaling 200+ downloads with an average rating of 4.5 stars, indicating widespread popularity and user satisfaction.

Politeknik Elektronika Negeri Surabaya - Surabaya, Indonesia   Aug 2024 - Jun 2025

Frontend Developer

- Develop Mobile App Builder Interface for App Builder with react.js
- Implement Zustand State Management for manage complex JSON data
- Implement React Query for consume data fron backend API
- Create Atomics Design for react component

JadiUMKM - Surabaya , Indonesia   Nov 2022 - Dec 2023

Web Developer

JadiUMKM part of the Wirausaha Merdeka Program, empowers local micro, small, and medium enterprises to thrive through tailored support and digital transformation.

- Directed a dynamic technology team, driving a 20% improvement in project efficiency and delivery time.
- Leading a team to develop a full-stack web app platform for UMKM sharpened my project management skills, culminating in a 30% boost in my ability to coordinate and lead complex software projects.
- Developed and executed technology strategies to meet the unique needs of UMKM and ensure platform readiness for scalable growth, resulting in a 40% improvement in platform performance and adaptability.

Agile Product Based Learning 2023 - Surabaya , Indonesia   Feb 2023 - Dec 2023

Mobile Developer

Software Product Development Course based on Agile Development

- Developed high-quality mobile and web apps in an agile environment, consistently meeting sprint goals.
- Enhanced MC Call Quality App to Level 3 (Usability), yielding a 25% NPS increase, indicating substantial improvements in user-friendliness and satisfaction.
- Optimized client-side data fetching for mobile and web apps, achieving 30% faster load times and boosting user engagement by 25%.
- Successfully launched "Note Taker" on the Play Store, amassing 100+ downloads and earning a stellar 4.5-star rating within the first month, showcasing its immediate popularity and positive user feedback.

PT. New Praktika Alkesindo - Surabaya, Indonesia   Jul 2023 - Oct 2023

IT Developer

PT. New Praktika Alkesindo is a reputable distributor in Indonesia. The company specializes in serving diverse laboratory requirements.

- Executed the installation and deployment of CRM software applications on local servers, improving operational efficiency.
- Developed an automated data entry process for e-commerce products has reduced manual entry time by 50%.

Organization Experience

Google Developer Student Clubs - Surabaya, Indonesia   Jan 2022 - Dec 2022

Member

GDSC are student community groups focusing on Google developer technologies, open to undergraduates and graduates aiming to enhance their developer skills.

- Participated in workshops on Android app development with Flutter and frontend development with React.
- Mastered Dart programming and Flutter framework, elevating cross-platform mobile development proficiency by 70%.
- Executed multiple projects, including a React-based single-page application (SPA), augmenting practical web development expertise by 60%.

Skills, Awards, and Projects

- **Project** ⊘ (2023): In my Mobile Programming course, I created a real-time chat app using Flutter and Firebase, boosting practical mobile development skills by 40%.
- **Project** ⊘ (2023): In my Geographic Information Systems course, I developed a web app utilizing Leaflet to map volcanic activity in East Java, enhancing GIS proficiency by 30%.
- **Project** ⊘ (2022): For my Web Programming course final project, I develop a web application to streamline operations for campus organizations like student councils and clubs, amplifying my coding proficiency by 60%.
- **Hard Skills** (2024): HTML, CSS, PHP, JavaScript , TypeScript, Dart, Flutter, React, Next.JS, Laravel, MYSQL, Firebase, Git Version Control, Clean Code, Design Pattern, REST API
- **Soft Skills** (2024): Agile Development, Teamwork, Growth Mindset, Proactive, Adaptability and Quick Learning
- **Achievements** (2023): Best 1 Web App in Agile Teknik Festival 2023
- **Achievements** (2023): Best 2 Mobile App di Agile Teknik Festival 2023