

LISTIANANDA APRILIAWAN

Mobile: [+6285157941779](tel:+6285157941779) Email: listiananda.apriliawan@gmail.com
LinkedIn: [linkedin.com/in/naandalist](https://www.linkedin.com/in/naandalist) GitHub: github.com/Naaandalist Web: naandalist.com

SUMMARY

Fullstack Engineer with 5+ years of experience developing web and mobile applications using JavaScript and TypeScript. Experienced with React, React Native, Node.js, and Bun, including building REST APIs, implementing authentication, and working with PostgreSQL and Firebase. Comfortable with Git workflows, code reviews, conflict resolution, CI/CD pipelines, VPS management, and automated testing using unit tests, Playwright, and Maestro. Regularly investigates and resolves production issues using Sentry and documents findings and solutions in Confluence. Uses AI-assisted development tools such as GitHub Copilot, Codex, Claude, and Cursor while carefully reviewing and validating their output. Experienced in working with distributed global teams through weekly Agile sprints, daily stand-ups, and cross-functional collaboration.

EXPERIENCE

Dicoding Indonesia *Code Reviewer*

Bandung. Remote (Part-time)
March 2026 - Present

- Review JavaScript and TypeScript submissions across React frontend and Node.js backend courses, evaluating application structure, component design, REST API implementation, data handling, and overall code quality.
- Assess clean code practices, modularity, design patterns, error handling, authentication, automated testing, maintainability, and scalability based on established submission criteria.
- Identify bugs, edge cases, inefficient implementations, and architectural issues, then provide clear and actionable recommendations for improvement.
- Communicate technical feedback through structured written reviews, helping new developers understand problems, apply better engineering practices, and improve the reliability of their applications.

Airpaz *Frontend Developer*

Jakarta. Onsite (Full-time)
April 2025 - June 2026

- Developed and maintained production features for large-scale iOS and Android flight-booking applications using React Native and TypeScript, covering implementation, REST API integration, testing, and release.
- Collaborated with product managers, designers, backend engineers, QA, and DevOps within weekly Agile sprints to translate business requirements into reliable and maintainable application features.
- Improved time-to-first-content by 30% by implementing progressive rendering and handling partial API responses, resulting in a faster and more responsive flight-search experience.
- Investigated complex production issues using Sentry, performed root-cause analysis, implemented fixes, and documented technical findings and solutions in Confluence.

- Reduced TypeScript errors by 50% through stronger type definitions, clean-code refactoring, reusable architecture, and safer implementation patterns.
- Developed reusable end-to-end testing workflows with Maestro for critical booking scenarios, reducing manual regression testing effort by approximately 40% per release.
- Participated in Git-based development workflows, including code reviews, conflict resolution, branch management, and collaboration across parallel feature development.
- Developed a Node.js-based Slack notification bot and integrated it into the CI/CD pipeline to provide automated Android and iOS release-status updates.

Key Achievements:

1. Improved time-to-first-content by 30% by implementing progressive rendering and handling partial API responses in the flight-search flow.
2. Reduced manual regression testing effort by approximately 40% per release by developing reusable Maestro E2E workflows for critical booking scenarios.

AIA Singapore Engineer

Singapore. Hybrid (Full-time)
Feb 2023 - April 2025

- Developed and maintained mobile features for a large-scale insurance and financial services platform using React Native and TypeScript within Singapore's regulated financial environment.
- Developed and maintained **Elevate**, a web application built with Next.js and TypeScript that supports claim management workflows across multiple insurance products, including reusable UI development, REST API integration, data handling, and production issue resolution.
- Led React Native upgrades and technical-debt reduction initiatives to improve compatibility, maintainability, security, and long-term application stability.
- Collaborated in English with engineers, QA, DevOps, security, product, and business stakeholders across multiple countries and time zones through weekly Agile sprints and daily stand-ups.
- Partnered with DevOps engineers to improve CI/CD pipelines, troubleshoot build issues, and streamline application build and deployment processes.
- Resolved vulnerable dependencies and security findings identified through Snyk and Twistlock, supporting compliance and application security requirements.
- Investigated production incidents, performed root-cause analysis, implemented corrective fixes, and documented technical findings and operational procedures in Jira and Confluence.

Key Achievements:

1. Reduced CI/CD build-and-release turnaround time by approximately 45 minutes through pipeline improvements implemented in collaboration with DevOps.
2. Achieved and maintained zero known security vulnerabilities by resolving Snyk and Twistlock findings across the React codebase.
3. Successfully upgraded the React Native codebase to a newer stable version while addressing compatibility issues, vulnerable dependencies, and accumulated technical debt.

PT Purnama Laboratory
Independent Software Contractor

Bekasi. Remote (Part-time)
Oct 2022 - Jan 2023

- Developed a full-stack application from scratch using React Native and TypeScript for the mobile frontend, Node.js for backend services, and Firebase for data storage and application integration.
- Designed and implemented REST APIs for product information, customer inquiries, lead generation, and customer data management, including input validation and error handling.
- Worked directly with stakeholders to gather requirements and translate business needs into frontend, backend, and data-management features.

Oxy Creative
Software Developer

Jakarta. Remote (Full-time)
Feb 2020 - Nov 2022

- Developed and maintained a Face Recognition and Liveness Detection SDK for secure E-KYC and biometric authentication workflows used by banking, enterprise, and government clients.
- Integrated React Native applications and native Android/iOS modules with biometric verification services through REST APIs, JSON data exchange, and secure application workflows.
- Designed reusable SDK components and integration interfaces that enabled client applications to adopt biometric authentication with minimal implementation changes.
- Supported biometric solution delivery for Bank Syariah Indonesia and government institutions, including BNN and INAFIS POLRI.

EDUCATION _____

Computer Science, Universitas Bina Darma
Bachelor's Degree

PUBLICATION _____

- [Design and Development of a Contextual Search System for Qur'anic Text Based on Large Language Models \(LLMs\) or Artificial Intelligence \(AI\)](#)
Institute of Research and Community Service (LP2M) IAIN Syaikh Abdurrahman Siddik Bangka Belitung
- [Development of a Mobile-Based Trivia Game to Facilitate Memorization and Understanding of Short Quranic Chapters for Children](#)
APTIKOM Sumatera Selatan

OPEN SOURCE _____

- <https://www.npmjs.com/package/@naandalist/patch-package>
It is a safer version of patch-package that fixes security issues but still works exactly the same way.
- <https://www.npmjs.com/package/secure-file-validator>
It is a Node.js library that checks file signatures and scans for malicious content to protect your application from dangerous file uploads.

CERTIFICATIONS

- **Back-End Developer Expert — Dicoding Indonesia**

RESTful API, Node.js, Clean Architecture, Automated Testing, CI/CD, Security, and Scalability

Credential:

<https://www.dicoding.com/dicodingassets/coursecertificate/b99f57aa91cfc8d953ed8f3e282385645585b748/view>

- **React Web Developer Expert — Dicoding Indonesia**

React, Redux, State Management, Automated Testing, Performance Optimization, and CI/CD

Credential:

<https://www.dicoding.com/dicodingassets/coursecertificate/070de7bc2905c3b10a46d3ee6947bbe021ea711f/view>

TECHNICAL SKILLS

- **Frontend Development:** React, React Native, Next.js, TypeScript, JavaScript, Expo, Tailwind CSS,
- **Backend & API Development:** Node.js, Bun, Express.js, Hono, REST API Development, API Integration,
- **Database & Authentication:** SQL, PostgreSQL, Firebase, JWT, OAuth,
- **Testing & Quality Assurance:** Unit Testing, Integration Testing, End-to-End Testing, Jest, Vitest, Playwright, Maestro, Test Automation, Code Review, Root-Cause Analysis
- **Software Architecture:** OOP, SOLID Principles, Design Patterns, Clean Architecture, Modular Architecture, Scalable Application Development
- **DevOps & Deployment:** Docker, CI/CD Pipelines, GitHub Actions, GitLab CI/CD, VPS Management, Linux, Application Deployment
- **Git & Collaboration:** Git, GitHub, GitLab, Branch Management, Merge Conflict Resolution, Pull Requests, Code Review, Agile, Scrum, Jira, Confluence Technical Documentation
- **Monitoring, Performance & Security:** Sentry, Dynatrace, Production Monitoring, Incident Troubleshooting, Performance Optimization, Snyk, Twistlock, Dependency Vulnerability Management
- **AI-Assisted Development:** GitHub Copilot, Codex, Claude, Cursor, Prompt Engineering, AI-Generated Code Review and Validation
- **Languages:** Bahasa Indonesia (Native), English (Professional Working Proficiency)