

Ahmed Rayhan Primadedas

+6282299015882 | rayhanprima99@gmail.com | [linkedin.com/in/arrayhan/](https://www.linkedin.com/in/arrayhan/) | github.com/arrayhan | Depok, Indonesia

Summary

Frontend Engineer with 7+ years specializing in React and Next.js, with a track record of building scalable systems from the ground up, from clean architecture and design systems to CI/CD pipelines that cut hosting costs by 71%. Most recently led frontend at a US-based edtech startup, managing a team across US-Indonesia timezones, while building national-scale healthcare systems for UNDP and Indonesia's Ministry of Health. Beyond engineering, actively contributes to the developer ecosystem through community organizing and regular technical speaking on frontend and Firebase topics.

Work Experience

Badr Interactive

Depok, Indonesia

Frontend Developer (Part-Time)

August 2022 - Present

- Frontend developer for SMILE Platform (Sistema Monitoring Inventarisasi Logistik kesehatan secara Elektronik), a national-scale healthcare logistics management system serving Indonesia's Ministry of Health, UNDP Indonesia, UNICC, and UNDP Global, covering Indonesian health facilities nationwide for critical medicine distribution tracking.
- Co-initiated complete frontend rewrite from legacy SMILE 3.0 (unmaintainable JavaScript codebase with 1000+ line components) to modern SMILE 5.0 Platform using React, TypeScript, and scalable architecture, significantly improving code maintainability and development velocity for 40+ person engineering team.
- Delivered Astra SAM Advance mobile app using React Native for PT Astra International Tbk, enabling nationwide sales team to manage customer database, task tracking, and incentive programs across Android and iOS platforms.
- Developed Unit Cost RS hospital costing system as fullstack developer using Remix, Prisma, and MySQL in collaboration with Universitas Indonesia.
- Additional projects: Invoice Tracking system for DKSH Wicaksana (Next.js, Socket.io), SOHO Digitail content management platform, and SIAP NG education assessment platform for Indonesia's Ministry of Education.
- Technologies: React, TypeScript, Next.js, Tailwind CSS, React Native, Remix, Prisma, MySQL, Node.js, Socket.io, SASS, Framer Motion.

Anify LLC

Honolulu, Hawaii, USA

Frontend Engineer Lead

June 2025 - April 2026

- Leading frontend architecture for a SaaS platform using React, Next.js, and TypeScript, managing a team of 2 frontend engineers.
- Optimized infrastructure and reduced monthly hosting costs by 71% (\$84 to \$24) through Docker containerization, CI/CD pipeline improvements, and multi-cloud resource management (Vercel, AWS, Digital Ocean), directly impacting runway and operational efficiency.
- Designed and implemented company-wide Clean Architecture and Domain-Driven Design patterns, successfully onboarding engineering team and establishing scalable, maintainable codebase foundations that improved sprint velocity and feature delivery speed.
- Built comprehensive design system with Radix UI primitives, establishing UI consistency and component reusability standards across the application.
- Contributed to agile practices including sprint planning and technical hiring, while collaborating with CEO on product roadmap decisions.
- Technologies: React, Next.js, TypeScript, Tailwind CSS, Radix UI, Zustand, Socket.io, React Hook Form, Node.js, Docker, Nginx, GitHub Actions.

Founderplus

Depok, Indonesia

Fullstack Developer (Freelance)

September 2022 - January 2024

Frontend Developer (Full-time)

December 2020- August 2022

- Solo developer managing end-to-end development of Founderplus accelerator platform, serving as pre-seed accelerator for 50+ startup applications.

- Architected and developed complete platform including landing page, admin dashboard, and startup registration system with pitch deck management, creating comprehensive database of startup profiles and investment materials.
- Established DevOps infrastructure for the first time, managing server configuration, Docker containerization, Nginx deployment, and production environment setup, building foundational skills later applied at Anify.
- Led complete frontend rewrite of Skydu e-learning platform from React 14/15 to React 16/17, migrating from legacy CSS to Tailwind CSS, and implementing Storybook for component documentation, resulting in significantly improved code maintainability and developer experience.
- Technologies: React, Next.js, Node.js, Docker, Nginx, Tailwind CSS, Storybook, PostgreSQL.

GoTo Impact Foundation

Depok, Indonesia

Fullstack Mentor (Apprenticeship)

June 2023 - December 2023

Frontend Mentor (Apprenticeship)

May 2022 - July 2022

- Served as fullstack mentor for Generasi Gigih 3.0, guiding Kampus Merdeka students through intensive bootcamp program focused on modern web development with React, Node.js, and software engineering best practices.
- Mentored 4 student teams through complete product development lifecycle, from ideation to final project deployment, providing technical guidance on React ecosystem, state management, API integration, and code architecture.
- Delivered knowledge-sharing sessions on React fundamentals, component design patterns, debugging techniques, and professional development workflows, while providing one-on-one support tailored to each team's technical challenges.
- Previously served as frontend mentor for Generasi Gigih 2.0 (Kampus Merdeka partnership), focusing on React fundamentals and helping students transition from academic learning to industry-standard development practices.

Skydu / Skydu Academy

Depok, Indonesia

Frontend Developer & Course Instructor

August 2019 - December 2020

- Frontend developer for Skydu, a B2B e-learning SaaS platform serving 10+ institutional clients with both cloud-based and on-premise/white-label solutions for corporate training and education.
- Initiated and developed first mobile application for Skydu using React Native for Sakeluarga, a parenting education startup client, establishing mobile capability that opened new market opportunities for the platform.
- Contributed to frontend development using React (legacy version 14/15) and vanilla CSS, working within resource-constrained startup environment during funding challenges and team restructuring.
- Pivoted to Skydu Academy as bootcamp instructor, created comprehensive React curriculum, recorded professional video courses with dedicated equipment, and delivered technical training to students on the company's own e-learning platform.
- Supported company revenue through client project outsourcing including NFJuara (Vue.js, payment gateway integration) and SOHO E-Detailing (Next.js, data visualization).
- Technologies: React, React Native, Vue.js, Vuex, Next.js, JavaScript, CSS, Chart.js, Axios, SASS.

Integrasi Media Kreasi (<http://www.ekreasi.com/>)

Depok, Indonesia

Web Designer and Frontend Developer

July 2017 - August 2018

- Designed and developed frontend solutions for major Indonesian insurance companies including CHUBB, Prudential, BCA Life, BCA Finance, Panin, Cigna, Sunlife, and BFI Life, delivering web dashboards, mobile applications, and UI/UX design systems.
- Built cross-platform mobile applications using Angular 5 and Ionic framework, including CAR Insurance mobile app and UI implementations for Prudential and BCA Finance apps.
- Created comprehensive UI/UX deliverables including wireframes, mockups, and design systems using Photoshop and Balsamiq, establishing design-to-development workflow for client projects.
- Implemented specialized features including PDF generation for Prudential documentation using Objective-C and responsive dashboard interfaces for Unity School education platform.
- Technologies: Angular.js, Angular 5, Objective-C, Ionic, SASS, Photoshop, Balsamiq.

Education

STT Terpadu Nurul Fikri

South Jakarta, Indonesia

Bachelor of Computer Science (GPA: 3.67 / 4.00)

September 2019 - August 2024

- Majoring in Informatics Engineering
- Relevant Coursework: Data Structures and Algorithms, Web Application Development and Security, Fundamentals of Cyber Security, User Interface and Experience, Fundamentals of Data Science.
- Kampus Merdeka X Ruangguru Bootcamp: Completed 20 SKS (GPA 3.85 out of 4.00), Technologies: Jest, Cypress, Typescript, SASS, Grader, React.js, Next.js, Formik, Github Actions, Chakra-ui, Zustand, GIT, SEO, Web Security
- Kampus Merdeka 2 Binar Academy Bootcamp: Hard Skills: 4.5/5, Soft Skills: 4.6/5, Teamwork: 4.5/5.

Organizational, Community & Leadership Experience

Google Developer Groups Depok

Depok, Indonesia

Organizer

August 2025 - Present

Co-Organizer

November 2019 - July 2025

- Leading community of 1,800+ members with 350-600 participants per event, organizing technical workshops, conferences, and knowledge-sharing sessions focused on Google technologies and modern web development.
- Maintaining direct relationships with Google Community Managers, facilitating collaboration opportunities and bringing cutting-edge technology insights to local developer ecosystem.
- Delivered 10+ technical talks on Firebase, React, and frontend development at various community events and conferences, representing both Anify and Badr Interactive while building personal brand as technical thought leader.

Google Developer Student Clubs

Depok, Indonesia

Lead

July 2020 - July 2021

- Selected as one of 45 Developer Student Clubs Leaders in Indonesia by Google Developers, leading campus-based tech community of 300+ active members.
- Developed technical and soft skills curriculum through hands-on workshops, sharing sessions, and codelabs, fostering next generation of developers.
- Organized 8+ technical workshops covering Frontend Development, Firebase, UI/UX Design, and Cloud Study Jams, reaching 300+ students and increasing chapter membership by 50%.

Awards

- 1st Place, Web Design Competition (React.js) - STT Nurul Fikri, Dec 2018
- 3rd Place, National Informatics Competition - RISTEKDIKTI/PENS, Nov 2018
- Top 10 Applications, Indosat Wireless Innovation Contest (IWIC), Nov 2017

Skills

- Frontend Development: React, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Firebase, SASS, React Native, Styled Components, [Socket.io](https://socket.io/), GraphQL, Vue.js, Vuex, Angular, Remix
- Backend & Fullstack: Node.js, Express.js, Prisma, REST API, MySQL, PostgreSQL, Python
- Cloud & Tools: Docker, Nginx, GitHub Actions, Vercel, AWS, Digital Ocean, Git, GitHub, CI/CD Pipelines
- Architecture & Patterns: Clean Architecture, Domain-Driven Design (DDD), Component-Driven Development
- **Other:** Agile/Scrum, Technical Mentoring, Public Speaking, Community Leadership