Dedy Prasetyo Hermawan

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SUMMARY

Full-Stack Software Engineer with 6+ years of experience building web and mobile applications using React, Next.js, Node.js, Express, React Native, and Flutter. Proven track record in developing scalable systems, automating workflows, and integrating AI-driven features. Passionate lifelong learner with strong problem-solving skills and a focus on delivering real business value through clean, efficient code.

EXPERIENCE

ARIF ANALYTICS   Remote
Software Engineer   May 2025 - Current

- Collaborate directly with stakeholders and cross-functional team to build an AI-Powered Analytic Platform.
- Designed and implemented a new design for web profile and web app.
- Developed responsive UI components using modern JavaScript frameworks, ensuring cross-device compatibility and a smooth user experience.

Key Achievements:

- Improve performance, acceptability and SEO score of web profile.
- Completed and deployed a new design for web profile and web app, aligning with aggressive client timelines for demo and testing

PT. KALBE FARMA Tbk   Jakarta
Software Engineer   Oktober 2025 - Januari 2026

- Architected a fullstack web app using Next.js, ensuring high performance for internal and external access.
- Built a comprehensive dashboard for administrators to manage courses, academies, CMS and payment.
- Implemented secure authentication and role-based access control (RBAC) to manage thousands of employee users across different divisions.
- Engineered an intelligent search feature using OpenAI embeddings and Pinecone, enabling semantic search capabilities that allow users to find relevant training materials by context rather than just keywords.
- Established a robust testing strategy by implementing Playwright for End-to-End (E2E) testing, ensuring critical user flows remained stable across updates.

Key Achievements:

- Successfully delivered the fully functional MVP in just 2 months, ahead of the 3-month schedule
- Reduced production bugs significantly by automating critical test scenarios with Playwright before every deployment.

CROSVA   Australia. Remote from Jakarta
Freelance Software Engineer   March 2025

- Designed and implemented CI/CD pipeline using GitHub Actions, reducing deployment time from manual processes to automated deployments, streamlining the development workflow.

- Integrated and configured deployment tools to enable single-command releases, simplifying the deployment process and reducing potential for errors.

Key Achievements:

- Reduced deployment time from 20–30 minutes to under 10 minutes through automation.
- Lowered release-related errors by replacing manual steps with automated commands.
- Improved developer productivity and reduced downtime during releases by streamlining the CI/CD process.

PT. Visi Nusapati Utama   Jakarta
Software Engineer   July 2021- March 2025

- Led a team of 3 engineers to develop a financial reporting web app for a mining and charter company, integrating real-time budget tracking and analytics to enhance financial transparency and decision-making.
- Architected and deployed an automated insurance processing system that reduced claims and application turnaround from **3 days to 1 day**, improving customer satisfaction and operational throughput.
- Managed delivery of **10+** software projects across industries, including logistics, insurance, and e-commerce-ranging from responsive websites to robust mobile apps and data-driven dashboards.
- Designed tailored software solutions that improved operational workflows, reducing manual input and increasing team efficiency by an estimated **30%**.
- Collaborated directly with stakeholders and cross-functional teams to gather requirements, ensure agile delivery, and maintain alignment with business goals.

Key Achievements:

- Reduced financial reporting errors through implementation of a centralized digital tracking system.
- Improved insurance process speed by 66%, boosting internal processing capacity and customer turnaround time.
- Delivered 10+ successful projects on time and within scope, maintaining a 100% client satisfaction rate.

Membagi   Jakarta
Software Engineer   May 2024- January 2025

- Analyzed operational needs and led development of an integrated digital ecosystem, including a responsive web profile, admin dashboard, and mobile apps.
- Designed and implemented an AI-based recipe recommendation system that utilized leftover ingredient data to generate custom meal suggestions.

Key Achievements:

- Launched web and mobile platforms in under 6 months

Twilink   Australia. Remote from Jakarta
Freelance Frontend Engineer   October 2024 - December 2024

- Developed a scalable digital platform enabling influencers to manage their online presence and monetize their content through a centralized dashboard, streamlining business growth and content management.
- Developed responsive UI components using modern JavaScript frameworks, ensuring cross-device compatibility and a smooth user experience.
- Integrated with backend APIs to enable real-time data sync, improving user interaction with

analytics, content scheduling, and earnings dashboards.

Key Achievements:

- Delivered MVP 1 week early, enabling early onboarding of beta users.

Codedata   Australia. Remote from Jakarta
Freelance Frontend Engineer   September 2024 - October 2024

- Developed the frontend for an AI-powered Q&A chatbot using Retrieval-Augmented Generation (RAG) to enable contextual responses from uploaded files.
- Translated UI/UX designs into modular, reusable React components, ensuring high responsiveness across devices.
- Integrated dynamic rendering logic to display structured chatbot responses, enhancing clarity and usability.
- Collaborated with AI and backend teams to ensure seamless integration of file-based document parsing and real-time response handling.

Key Achievements:

- Completed and deployed the MVP within 4 weeks, aligning with aggressive client timelines for demo and testing.

Nusantech   Jakarta
Software Engineer   October 2019 - July 2021

- Delivered 5+ client projects on time and within specifications, maintaining consistent communication with Project Managers to align technical requirements and timelines.
- Collaborated with stakeholders to gather requirements and provide accurate technical estimations, ensuring project deliverables met client expectations
- Mentored high school interns, introducing them to software development fundamentals and professional workflows.
- Contributed to the early-stage planning and prototyping of a new software engineering workshop and LMS (Learning Management System), laying the groundwork for a future business initiative.

Key Achievements:

- Mentored 3+ high school interns, with 1 pursuing further education in software engineering post-internship.
- Helped initiate a new business venture by co-developing the concept and MVP for a tech education platform and LMS.

EDUCATION
Nuclear Engineering, Universitas Gadjah Mada | GPA: 3.35
Bachelor Degree   July 2012 - November 2016

SkillL
- **Frontend Development:** React.js, Next.js, Svelte, Astro.js, HTML, CSS, TailwindCSS, Responsive Design.
- **Backend Development:** Node.js, Express.js, NestJS, Golang, REST API, Authentication, Authorization.
- **Mobile Development:** React Native, Flutter, Cross-platform UI, State Management (Redux, Bloc)
- **Programming Languages**: JavaScript, TypeScript, Golang, Rust, Python
- **DevOps & CI/CD**: GitHub Actions, CI/CD Pipelines, Docker, Deployment Automation
- **Database & Storage**: MySQL, PostgreSQL, Firebase, Prisma ORM, Data Modeling

- **Version Control**: Git, GitHub, GitLab, Branching Strategy
- **AI Integration**: RAG-based Chatbot, Prompt Engineering, AI-Powered Features (Recommendation Systems)
- **Leadership:** Mentoring Interns, Proactive Initiative, Taking Ownership, Decision-Making Support
- **Adaptability**: Fast Learning, Tech Stack Switching, Remote Work Experience, Cross-Industry Projects.
- **Work Ethic**: Reliability, Accountability, Attention to Detail, Commitment to Deadlines