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Top Skills

REST APIs
PostgreSQL
Prisma ORM

Languages

Bahasa Inggris (Limited Working)
Bahasa Indonesia (Native or Bilingual)

Publications

Penerapan Teknologi Virtual Reality Sebagai Sarana Observasi Pengenalan Lingkungan Kampus Untuk Mahasiswa Baru
Pengembangan Sistem Informasi Manajemen Kuesioner Kampus (SIMAKK) Dengan Framework Laravel & VueJS
Penerapan Teknologi Firebase Realtime Database Pada Arsitektur Sistem Aplikasi Dunia Buah

RANCANG BANGUN APLIKASI MOBILE BERBASIS ANDROID SEBAGAI MEDIA PEMBELAJARAN BAHASA JEPANG

Implementasi Basis Data SQL Pada Sistem Informasi Anime Berbasis Android

Dede Fuji Abdul

Software Engineer | Front-End Developer | Crafting Seamless Experiences Across Web & Mobile Platforms
Sumedang, West Java, Indonesia

Summary

I'm a Software Engineer specialized in building scalable and seamless digital experiences across web and mobile platforms. With a strong foundation in Flutter, Vue.js, and TypeScript, I focus on crafting responsive, user-centric interfaces optimized for performance and maintainability.

Over the past four years at PT Sawarga Digital Indonesia, I've delivered multiple cross-platform applications for industries ranging from e-commerce to business automation — ensuring intuitive UI/UX and robust back-end integration.

Passionate about continuous learning, I also create open-source libraries such as SweetPop and PrintHub, contributing to the developer community and promoting efficient front-end practices.

Core strengths: Flutter, Vue.js, TypeScript, Kotlin, REST API integration, and scalable architecture.

Currently exploring: Progressive Web Apps, modular Flutter architecture, and system design patterns.

I'm open to collaboration or speaking opportunities related to cross-platform development.

Experience

bitesoft
3 months

Frontend Team Leader - Dentist Portal System | Frontend Developer
November 2025 - Present (2 months)
Australia

Frontend Team Leader - Manufacturing Lab Portal System | Frontend Developer

October 2025 - November 2025 (2 months)
Australia

Led development team in building a Manufacturing Lab Portal system for dental laboratory management solutions. Fully responsible for designing system architecture, documenting client requirements, and ensuring implementation aligned with technical specifications.

Key Responsibilities:

- Architected full-stack system using Nuxt 4, NuxtUI, TailwindCSS 4 for frontend + TypeScript for backend REST API.
- Developed 25+ comprehensive technical documents covering API specifications, database schema, development workflows, authentication implementation, and testing strategies.
- Managed project structure with 29 API endpoints encompassing authentication, case management, admin features, file operations, and integrations
- Implemented security system with HTTP-only cookie authentication and role-based authorization
- Built structured documentation across 4 categories: API (5 docs), Development (7 docs), Pages (7 docs), and Testing (3 docs)

Technology Stack: Frontend: Nuxt 4, Vue 3, TypeScript, NuxtUI, TailwindCSS 4,Zod validation.

Backend: Node.js, TypeScript, REST API

Tools: Git, Docker, ESLint, Prettier, automated testing scripts

Achievements: # 86% test coverage (25/29 endpoints) # Multi-role system (Admin & Lab Staff) with comprehensive features # Complete documentation for seamless developer onboarding # Production-ready API with health monitoring

This project reinforced the importance of systematic documentation, effective client requirement communication, and technical leadership in coordinating development teams to achieve on-time delivery.

PT SAWARGA DIGITAL INDONESIA
Front-End Developer
December 2020 - Present (5 years 1 month)
Indonesia

As a front-end developer, I transformed UI/UX designs into fully functional, responsive web and mobile applications that deliver seamless user experiences across multiple platforms. My primary focus was ensuring that every interface I built was intuitive, smooth, and optimized for usability. I also integrated RESTful APIs to enhance the functionality and interactivity of the applications, ensuring a rich and engaging user experience.

In this role, I utilized a variety of programming languages, including Kotlin, Dart, JavaScript, and TypeScript. I worked with modern frameworks and libraries such as React, Vue, Flutter, and styled applications with Bootstrap and Tailwind CSS. Development tools like Git, Docker, Kubernetes, Android Studio, and Visual Studio Code were integral to my workflow, ensuring version control and deployment efficiency. I also leveraged Firebase, MongoDB, and Amazon S3 for robust database management and cloud storage solutions.

Throughout my experience, I successfully delivered several cross-platform applications on time and within scope, meeting all key performance indicators. I collaborated closely with cross-functional teams, including product managers, designers, and back-end developers, to ensure smooth integration and deployment processes. My work involved optimizing performance by applying best practices and staying updated with the latest trends in front-end technologies.

I am passionate about continuous learning and actively keep up with industry advancements to maintain a competitive edge. By bringing innovative solutions to projects, I've improved workflows and contributed to product enhancements that align with business goals. Known for being a proactive and adaptable team player, I foster positive collaboration across departments, helping the team achieve seamless project execution and impactful results.

PT PLN (Persero)

Frontend Developer

June 2025 - October 2025 (5 months)

Indonesia

- Developed and implemented a custom Content Management System (CMS) website for PLN Indonesia, replacing the existing website with a modern, responsive, and user-friendly interface.
- Collaborated with the design and backend teams to ensure seamless integration and optimal performance of the website.

- Utilized cutting-edge frontend technologies such as HTML5, CSS3, TypeScript, and NuxtJs (Vue) to build a scalable and maintainable website architecture.
- Implemented accessibility and SEO best practices to improve website visibility and user experience.
- Conducted thorough testing and debugging to ensure cross-browser compatibility and responsiveness across various devices.

PT Sindigilive Teknologi Kreatif

2 years

Mobile Application Developer | Yantek Mobile Reengineering Project

November 2023 - October 2025 (2 years)

Indonesia

- Led the reengineering effort of the Yantek Mobile application using Flutter, collaborating closely with the UI/UX team to implement a fresh and intuitive UI design.
- Contributed to UI design and development, ensuring a seamless user experience across various mobile platforms.
- Integrated APIs to enable seamless data exchange and functionality, enhancing the app's overall performance and usability.
- Optimized app performance, reducing load times and improving responsiveness to deliver a superior user experience.
- Implemented security standards and best practices as per the cyber team's requirements, ensuring the app's robustness and data protection.
- Conducted thorough testing and debugging to ensure cross-platform compatibility and adherence to quality standards.

Frontend Web Developer & Team Leader | APKT-Saidi Saifi Website Development

November 2023 - February 2024 (4 months)

Indonesia

- Led the frontend team in developing the APKT-Saidi Saifi website using Vue (ViteJs) and Tailwind CSS, focusing on delivering a responsive and user-friendly interface.
- Acted as team leader for frontend, leading the team in implementing UI design and API integration, ensuring code quality and website performance.
- Implemented a scalable and maintainable frontend architecture, using ViteJs and Tailwind CSS to optimize website performance and responsiveness.
- Conducted code reviews, provided technical guidance, and ensured the frontend team followed best practices in development.

- Played a key role in project planning, estimation, and delivery, ensuring the frontend team's work aligned with project goals and timelines.

Frontend Developer & Team Leader | APKTEIS Website Development

November 2023 - February 2024 (4 months)

Indonesia

- Led the frontend development team in creating the APKTEIS website using Vue (ViteJs) and Tailwind CSS, focusing on delivering a high-quality, responsive, and user-friendly interface.
- Collaborated with the design and backend teams to implement the UI design and integrate APIs, ensuring seamless data exchange and functionality.
- Implemented a scalable and maintainable frontend architecture, utilizing ViteJs and Tailwind CSS to optimize website performance and responsiveness.
- Conducted code reviews, provided technical guidance, and ensured best practices were followed by the frontend team.
- Played a key role in project planning, estimation, and delivery, ensuring the frontend team's work aligned with project goals and timelines.

Array Digital Indonesia

Android Developer

December 2020 - July 2021 (8 months)

Indonesia

As an Android developer, I was responsible for building and developing applications using Java and Kotlin programming languages. Using Android Studio, I designed responsive and engaging user interfaces to enhance the overall user experience. Each project emphasized the importance of both design quality and functionality to meet user needs effectively.

I collaborated closely with cross-functional teams to design, implement, and launch new features in mobile applications. This collaborative process ensured that every feature was properly developed and seamlessly integrated into the application. Additionally, I consistently adapted to new technologies within the mobile app industry to enhance efficiency and drive innovation in every project.

In this role, I utilized Java and Kotlin as the primary programming languages to develop high-quality applications. I relied on Android Studio as the core development environment and maintained version control using Git. For data management, I used Firebase Database to ensure secure and efficient storage solutions.

This experience allowed me to develop both technical skills and strengthen my collaborative and adaptive capabilities. I remain committed to continuous learning and keeping up with technological advancements to deliver innovative and relevant solutions in every project I undertake.

Binokasih Global Teknologi

1 year 7 months

Android & Web Developer

September 2019 - December 2020 (1 year 4 months)

Indonesia

I have experience developing both web and mobile applications using a variety of programming languages, including HTML, CSS, JavaScript, PHP, and Java and Kotlin for Android development. In each project, I designed and built responsive, engaging user interfaces using frameworks such as Bootstrap and CodeIgniter, ensuring a seamless and intuitive user experience.

Beyond technical development, I actively collaborated with cross-functional teams to design and implement new features for web and Android mobile applications. This collaborative process ensured that the applications met the required standards and user needs. I also continuously learned and adopted the latest technologies in the web and mobile industries, driving efficiency, innovation, and product quality.

I utilized various tools and technologies, including Visual Studio Code, Android Studio, and Git for development and version control. For data management, I relied on MySQL and Firebase Database to ensure smooth and secure application performance.

This experience has strengthened my skills in both front-end and back-end development. I have also enhanced my ability to collaborate effectively and adapt to new challenges. Committed to continuous learning, I strive to stay updated with the latest industry trends and provide impactful solutions in every project I undertake.

Android & Web Developer

June 2019 - September 2019 (4 months)

Indonesia

During my internship at BIGTEK, I gained hands-on experience in web and mobile application development. I had the opportunity to work with

various technologies, including HTML, CSS, JavaScript, and PHP for web development, as well as Java and Kotlin for Android development.

Key responsibilities and achievements during the internship:

- User Interface Development: Designed and built responsive, user-friendly interfaces using frameworks like Bootstrap and CodeIgniter.
- Team Collaboration: Worked closely with cross-functional teams to design and implement new features for both web and mobile applications.
- Tools and Version Control: Utilized Visual Studio Code, Android Studio, and Git for development and version management.
- Data Management: Managed application data using MySQL and Firebase Database to ensure smooth and secure performance.

This internship allowed me to apply my academic knowledge in a real-world setting, sharpen my front-end and back-end development skills, and improve my ability to collaborate and adapt in a professional environment. Additionally, I actively kept up with the latest technology trends to continuously improve the quality of my work.

This experience was a valuable starting point in my career journey, preparing me for more significant roles in the software development field.

PT Waditra Reka Cipta Bandung
Android Developer
July 2016 - September 2016 (3 months)
Bandung, Jawa Barat, Indonesia

Education

STMIK Sumedang
Sarjana Komputer, Teknik Informatika · (September 2017 - July 2021)

Vocational School Informatics
Software Engineering · (June 2014 - July 2017)