

# Gading Nasution

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## PROFILE

Experienced **Software Engineer** with over 5 years of remote work experience, specializing in **frontend development** and **full-stack engineering**. Proven track record in delivering modern, scalable applications for startups and enterprises, with expertise in **TypeScript, React, NextJS, Tailwind CSS, Python, Golang, and MySQL/PostgreSQL**. Adept at implementing **CI/CD pipelines** using GitHub Actions, Docker, and other deployment tools to ensure efficient, reliable releases.

Highly adaptable to various technologies and frameworks, especially in **Frontend Stacks** like **VueJS, NuxtJS, Angular**, or other modern stacks.

Hands-on experience in developing **Web3 wallets** (custodial & semi-custodial), **AI inference systems**, **Retrieval-Augmented Generation (RAG)** solutions, and integrating **LLMs** with advanced AI services such as ElevenLabs. Proficient in building **design systems**, reusable component libraries, and migrating large codebases from JavaScript to TypeScript to improve maintainability and developer experience.

Recognized for collaborating closely with cross-functional teams, mentoring engineers, driving R&D initiatives, and contributing to high-impact product launches, including **MVP delivery within tight timelines** and AI-driven platforms achieving **3x revenue growth and 5x client acquisition**. Passionate about **developer experience**, clean architecture, and leveraging future-ready technologies to deliver fast, intuitive, and reliable products.

- **Contact Email:** contact@gading.dev
- **Live CV:** <https://gading.dev/resume>

## EXPERIENCE

### Fullstack AI Engineer


Aug 2025 - Present

HeyPico.ai | Singapore

**Tech Stack:** TypeScript, Node.js, React.js, Next.js, React Native, NestJS, Python, Flask, Artificial Intelligence, N8N, LLM, RAG, MCP, Bash Script, Termux, Automation.

- Resolved critical internal issues related to unstable companion device connections between the cloud and user companion devices, enabling reliable remote control and automation for production workflows.
- Developed Backend APIs and automation tools used by AI Agents to orchestrate tasks, interact with companion devices, manage workflows, MCP, and trigger multi-step automation reliably.
- Developed an AI Agent that can automatically check, download, and update applications on user companion devices, reducing manual maintenance and ensuring devices stay up to date.
- Built reusable AI and automation utility modules to standardize integrations across services, allowing the team to rapidly create new AI-powered workflows without duplicating logic.
- Created an AI Agent capable of generating and updating Google Docs and Google Sheets for expense tracking and automated reporting, streamlining internal operations and documentation.
- Implemented an AI-powered food ordering assistant that helps users place orders, verify details, and automate repetitive steps in the ordering flow.
- Integrated OCR to extract structured data from uploaded images (e.g., receipts) and store it in the database, enabling further analytics and automation on top of visual inputs.
- Contributed to the migration of the companion device connection architecture for AI Agents, improving scalability, reliability, and maintainability of the overall system.
- Built a single-installation Termux-based firmware package so that companion devices can be configured once and then automatically controlled from the cloud with minimal setup effort.
- Assisted in launching the MVP across Web, Android, and iOS, including setting up end-to-end iOS publishing workflows such as certificate & provisioning setup, bundle ID registration, App Store Connect configuration, TestFlight distribution, and submitting the build for App Review.

## Fullstack AI Engineer


 Jul 2025 - Sep 2025

Jet (jetstudios.io) | Vancouver, Canada

**Tech Stack:** TypeScript, Node.js, React.js, Artificial Intelligence, LLM, RAG, GitHub Actions, PostHog, Bash Script.

- Supported the development of a new product from scratch and successfully delivered the MVP within ~1 month, ensuring fast iteration and alignment with business goals.
- Built a Browser Extension capable of capturing browser screens, analyzing cryptocurrency charts, and extracting sentiment insights from relevant news sources.
- Integrated Stripe to enable secure and seamless payment processing across the application.
- Implemented PostHog analytics to track user behavior, product metrics, and feature adoption, contributing to data-driven decision-making.
- Created internal automation workflows using CI/CD and GitHub Actions to streamline deployment processes and improve delivery efficiency.

## Software Engineer


 Jun 2023 - Aug 2025

Avataralabs (avataralabs.ai) | Jakarta, Indonesia

**Tech Stack:** TypeScript, Node.js, React.js, Next.js, Artificial Intelligence, LLM, RAG, TTS, Video Generation, AI Content Platform, GitHub Actions, Sentry.

- Developed an AI Researcher Dashboard to manage AI personalization using RAG, applied across multiple client use cases such as AI Livestream, AI Embedded Webchat, AI Creator, etc., contributing to 3× revenue growth and 5× client acquisition.
- Built an AI Live Dashboard to configure, initiate, and manage AI Live sessions, streamlining operations for the AI Live Ops team in managing ongoing sessions.
- Led frontend development across 4 AI-driven products, including an AGI content platform featuring TTS, STT, video generation, and AI-embedded webchat. Delivered responsive, user-friendly interfaces and seamless user experiences through optimized frontend architectures, real-time data handling, and integration with generative AI systems.
- Collaborated with clients to implement AI Chat solutions embedded into their websites, enhancing customer engagement and automation.
- Created AI-assisted onboarding tools for creators and a content generation dashboard, contributing to the acquisition of 100+ creators.
- Implemented internal automation in GitHub Actions to optimize Vercel team member usage, significantly reducing operational costs.
- Integrated Sentry logging to monitor and track frontend errors in production, enabling faster issue detection and resolution.
- Mentored and onboarded new frontend engineers, helping them quickly adapt to the development environment and enabling their contributions to the implementation of the Retrieval Dashboard and other key product features.

## Software Engineer


 May 2024 - Nov 2024

Stealth (Dining Rewards Platform) | San Francisco, United States

**Tech Stack:** TypeScript, Next.js, Golang, Protocol Buffers, gRPC, Flutter.

- Developed a web console using TypeScript and Next.js to provide clients with an intuitive interface for managing their product features and data.
- Built a mobile application using Flutter, ensuring cross-platform compatibility and smooth user experience.
- Implemented backend and API services using Golang, gRPC, and Protocol Buffers for high-performance, scalable communication between services.
- Collaborated closely with the client to launch their MVP product and deliver a live product demo within 2 months, accelerating time-to-market and supporting early client acquisition.

## Frontend Engineer


 Sep 2023 - Apr 2024

Skilldeck (skilldeck.io) | San Francisco, United States

**Tech Stack:** TypeScript, Next.js, React.js, Tailwind CSS

- Migrated and implemented multiple new features using TypeScript, Next.js, and Tailwind CSS, enhancing platform stability and scalability.
- Built reusable UI components with Storybook.js, enabling faster feature development and consistent design across the freelancer portfolio platform.
- Fixed critical bugs and improved product quality, resulting in smoother user experiences for freelancers.
- Enhanced portfolio presentation capabilities by supporting various content formats, including external links, images, and other media, allowing freelancers to showcase their work more effectively to potential employers and clients.
- Developed an interactive, draggable UI feature that empowers freelancers to fully customize the layout and presentation of their work within their profile, improving personalization and client engagement.

## Software Engineer


 Sep 2022 - Jun 2023

TwoPointFive (2p5.io) | Jakarta, Indonesia

**Tech Stack:** TypeScript, Node.js, React.js, Next.js, Web3.js, Ethers.js, Web3 Provider, Solidity (Smart Contracts)

- Developed and maintained custodial and semi-custodial Web3 wallet solutions, enabling secure and seamless blockchain transactions for clients, contributing to increased client trust and platform adoption.
- Engineered a Web3 Provider and Web3 SDK to streamline wallet integration with smart contract functions, reducing development overhead for partner teams and accelerating project delivery.
- Designed and implemented NFT landing pages and dashboards integrated with the developer Web3 wallet and Web3 provider, enhancing the user experience and supporting NFT-related business growth.
- Collaborated with backend engineers to deliver a fully integrated NFT dashboard and landing experience, ensuring data consistency and smooth API interactions.
- Worked closely with UI/UX teams to develop a robust, intuitive interface for the wallet, NFT dashboard, and NFT landing, improving usability and enabling the operations team to manage and scale client onboarding more efficiently.

## Software Engineer (Orami)


 Jan 2022 - Nov 2022

Sirclo (sirclo.com) | Tangerang, Indonesia

**Tech Stack:** JavaScript, TypeScript, Node.js, React, React Native, Next.js, Jest/React Testing Library, Storybook, Tailwind CSS

- Served as a Core Frontend Engineer in the Orami Core Team, contributing to the development, maintenance, and technical evolution of Orami's frontend ecosystem.
- Collaborated with UI/UX designers and engineers to build and maintain a robust design system and component library, ensuring consistent visual language and seamless integration across Orami's web and mobile platforms.
- Created comprehensive guidelines and documentation for design system and component library usage, improving team adoption and development efficiency.
- Led UI standardization by developing reusable components using Storybook and Tailwind CSS, improving scalability, maintainability, and cross-team collaboration.
- Initiated and drove the migration from JavaScript to TypeScript, introducing new coding standards that improved code quality, maintainability, and developer experience (DX).
- Conducted maintenance and R&D on frontend codebases, exploring new concepts, optimizing performance, and enhancing code scalability.
- Partnered with the product team to solve complex tasks and address technical challenges outside the scope of end-to-end Orami service features.

## Associate Frontend Engineer, Core


 Dec 2020 - Jan 2022

Orami (orami.co.id) | Tangerang, Indonesia

**Tech Stack:** JavaScript, TypeScript, Node.js, React, Next.js

- Acted as the right-hand to the Lead Frontend Engineer, assisting in R&D initiatives, architectural decisions, and technical evaluations to improve the frontend ecosystem.
- Collaborated with UI/UX designers and core backend engineers to develop and maintain Passport authentication services for the Orami Super App.
- Created and conducted R&D on frontend utilities to support multiple squads in developing and enhancing application services.
- Contributed to frontend architecture improvements by implementing scalable coding practices and reusable components.
- Partnered with cross-functional teams to ensure seamless integration between frontend features and backend services.

## Junior Frontend Engineer, B2b2c

 Nov 2019 - Nov 2020

Orami (orami.co.id) | Tangerang, Indonesia

**Tech Stacks:** JavaScript, JQuery, React, Next, PHP, Magento.

- Served as the right-hand to the Senior Frontend Engineer, contributing to key features and technical enhancements in multiple projects.
- Developed an online store web application specializing in kids' clothing and accessories.
- Built and maintained a social commerce platform to enable group buying campaigns.
- Developed and maintained the Express Mart project, helping parents find nearby shops.
- Improved the Seller Dashboard, enabling sellers to better manage and promote their products.
- Collaborated with designers and backend developers to deliver user-friendly and high-performance features.

EDUCATION

Fullstack JavaScript Trainee

Fazztrack | Bogor, Indonesia

Fullstack JavaScript Trainee from Fazztrack

2020

Associate Degree, Computer Engineering

Politeknik Negeri Sriwijaya | Palembang, Indonesia

Associate Degree from Politeknik Negeri Sriwijaya

2019

SKILLS

React Native

Next.js

Nest.js

Go (Golang)

Javascript

Node.js

Python

ReactJS

SQL

Typescript

LANGUAGES

English

Working Knowledge