

# Kish Mark Piedad

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🔗 **Portfolio:** <https://kish-piedad.vercel.app/>

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## Senior Full Stack Engineer

**Senior Fullstack & AI Automation Engineer** with **8+** years of experience architecting and delivering production-grade, end-to-end systems. Specialized in building modern, high-performance frontends with **React** and **Next.js**, and developing scalable backend services using **Node.js**, **Python**, **Java/Spring Boot**, and **.NET Core**. Experienced in designing automation-ready data pipelines, AI workflows, and intelligent systems powered by **LLMs** and computer vision. Strong focus on performance optimization, security best practices, cloud-native architecture **AWS**, **CI/CD** pipelines, and pragmatic AI solutions that drive measurable business value across startup and enterprise environments.

## Core Skills

**Frontend:** JavaScript (React.js, Next.js, Vue.js, Angular), TypeScript, TailwindCSS, Storybook, PHP, WordPress, Shopify, Webflow, Elementor, Divi

**Backend:** Node.js, Python (Django, FastAPI), PHP (Laravel, Yii), Java (Spring Boot), Laravel

## Additional Skills

openAI, n8n, Make.com, Zapier, Git, MongoDB, PostgreSQL, NoSQL, AWS (ECS, Lambda, RDS, S3), Jenkins, Docker, Microservices, RESTful APIs, GraphQL, OAuth/JWT Authentication, Azure, Google Cloud

## Professional Experience

### Senior Full-Stack Engineer | LimeSurvey | Hamburg, Germany (Remote)

June. 2023 ~ Aug. 2025

- Contributed to LimeSurvey's open-source full-stack platform, leading backend development (**PHP**, **Yii**) and frontend engineering (**React**, **Storybook**) for scalable, enterprise-grade survey systems.
- Built and optimized dynamic React interfaces for survey creation, response tracking, and real-time data visualization, improving user workflow efficiency by **30%** and reducing page load times by **35%**.
- Designed and integrated AI-driven capabilities including **NLP**-based sentiment analysis, automated question recommendations, and intelligent response clustering, reducing manual data review by **50%** and accelerating insight generation by **40%**.
- Led adoption of Storybook-based component architecture, improving UI consistency and increasing frontend development velocity by **25%** while strengthening cross-team collaboration.
- Enhanced backend API performance and complex survey logic handling, enabling reliable processing of large-scale datasets and improving overall system responsiveness under high concurrency.

### Senior Fullstack Engineer | PillarMarkets | NY, USA (Remote)

June. 2021 ~ May. 2023

- Led the development of frontend (**Next.js**, **DaisyUI**, **GraphQL**, **TailwindCSS**) services to enhance platform performance and user experience.
- Designed and implemented AI-powered features, including **LLM**-based content assistance, intelligent investor insights, and automated data summarization, increasing user engagement by **30%** and accelerating decision-making workflows.
- Built scalable **RESTful APIs** consumed by Next.js frontend and mobile applications, integrating frontend with secure backend services.
- Integrated frontend systems with **CRM**, analytics, and investor management platforms, implementing real-time AI analytics dashboards that reduced reporting latency by **40%** and enhanced predictive insights.
- Standardized UI architecture and AI-driven interaction patterns through reusable **DaisyUI** components and automation workflows, reducing frontend maintenance effort by **25%** and improving development velocity.

### Full-Stack Engineer | Keeper Memorials | NY, USA (Remote)

Dec. 2020 ~ May. 2021

- Developed and enhanced a user-friendly memorial platform using **Next.js** and **TypeScript**, enabling families to build rich, interactive memorial pages with photos, videos and tributes.
- Implemented accessible, theme-customizable UI components using **Chakra UI** to reflect diverse memorial themes while maintaining usability for older/less-tech-savvy users.
- Enabled server-side rendering, optimized for **SEO** and performance so memorial pages load quickly and are easily discoverable.
- Worked closely with backend and design teams to integrate APIs for media uploads, digital guestbooks, map/locator features and kiosk displays for cemeteries.
- Ensured the platform adhered to high standards of security, data privacy and performance in a sensitive domain of digital memorialization.

### Junior Full-Stack Developer | AlphaSwap | London, UK (Remote)

Apr. 2018 ~ Nov. 2020

- Built and maintained investment technology applications powering AlphaSwap's Dataas-a-Service platform using **React**, **Next.js**, and **PostgreSQL**.
- Developed responsive, data-driven UIs in React and integrated complex state management with easy-peasy for scalable performance.
- Implemented **RESTful** and **GraphQL APIs** in Nest.js to handle real-time stock data, user voting, and portfolio analytics.
- Optimized database queries and schema design in **PostgreSQL** to support high-volume financial data with low latency.

## Education

Manila Central University

Bachelor of Computer Science | Aug 2015 – May 2018