Pedro Tae Young Chang

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Summary

I'm an aspiring DevOps Engineer with hands-on experience in automating deployments using GitOps FluxCD, managing Kubernetes clusters on Talos Linux, and securing cloud environments with Azure Key Vault and External Secrets Operator. I'm proficient in deploying and scaling applications with Kubernetes, managing databases using CloudNative PG, and ensuring system reliability through monitoring with Prometheus and Grafana. I'm eager to leverage my technical skills, problem-solving abilities, and collaborative mindset to contribute to a forward-thinking team driving innovation in software delivery.

Experience

IT Consultant, Brite Service Industries – Los Angeles   July 2024 – Dec 2024
- Collaborated directly with C-suite executives to design and implement strategic operational frameworks, resulting in a 25% enhancement in overall organizational performance through data-driven decision-making processes.
- Authored a detailed strategic plan that led to the successful acquisition of a $300K contract with Mercy House; the plan included innovative approaches that are now standard practice within the organization.
- Crafted comprehensive pamphlets on Brite Service Industries and industry-specific topics, enhancing client comprehension by directly addressing top five most frequently misunderstood concepts within the service sector.
- Directed the adoption of new technologies such as Teams, Calendly, and Loom, overseeing the onboarding of these integrations to boost productivity and communication with over 150 clients.

Freelance, MediaX AI – Los Angeles   June 2024 – Feb 2025
- Designed an advanced faceless YouTube automation system, integrating AI tools with API including Claude.ai and Eleven Labs; streamlined content generation processes, reducing video production time by 40%.
- Implemented a robust automation solution for generating images and voiceovers directly from source materials, increasing output to 20+ videos weekly while enhancing overall production quality and consistency.
- Launched a series of Airtable workflows that automated repetitive tasks, reducing manual data entry time by 10 hours weekly and freeing up resources for more strategic initiatives, ultimately enhancing project delivery.

Operations Manager, BLOIDY – Los Angeles   June 2020 – June 2024
- Managed daily accounts payable operations with consistent processing of 25-30 orders per day; this operational consistency achieved enhanced vendor trust and negotiation power for future contracts.
- Established strong relationships with 6 suppliers and 4 logistics teams, optimizing order processing workflows; efforts resulted in a reduction of wasted time by 35 minutes per delivery and refined customer experience across the board.
- Assembled and configured 30+ custom workstations optimized for CAD applications and enterprise software, ensuring hardware compatibility and optimal performance.

Executive Assistant, SpeedKeyz – Los Angeles   Nov 2019 – June 2020
- Launched a project coordination initiative for 15 clients to leverage Slack and Asana, improving project tracking and is now utilized by over 5 departments within the organization.
- Created an onboarding process to optimize data processing for the team, resulting in a 20%–30% increase in bookings and customer satisfaction.
- Secured contracts with three new vendors for operational tasks, resulting in a 20% available time for senior staff to focus on high-impact client engagements and strategic initiatives.

Projects

Homelab   Home
                    Feb 2025 – present
A self-hosted homelab built on baremetal using GitOps best practices powered by Kubernetes using Talos Linux, FluxCD and Omni.

- Successfully deployed Linkding self-hosted whilst connecting to external PostgreSQL database in an external Data cluster with ExternalDNS and Cloudflare Tunnel
- Implemented External Secrets Operator to link with Azure Key Vault.
- FluxCD CI/CD implementation for optimal GitOps with concurrent updating of apps using Mend Renovate Bot.

Give Water Give Life | Non-Profit Website
Remote
Oct 2022 – Nov 2022

- Drove a successful website enhancement initiative alongside product management and design teams, elevating traffic levels by 30% while ensuring functionality and user experience across all devices.
- Boosted outreach and produced donations by 10% to provide clean water to multiple villages.
- Facilitated over 15 cross-functional meetings with designers to ensure alignment on client requirements; revitalized communication processes, contributing to a 20% reduction in project timelines and improving team collaboration.

Skills

Languages: Ruby, JavaScript, HTML, CSS

Technologies: Ruby on Rails, React, Linux, Neovim, NextJS, Postgres, APIs, Git, GitHub, Outlook, Jira, Notion, AI Tools

Additional: Portuguese (fluent), Spanish (conversational), Korean (conversational)

Education

Actualize Coding Bootcamp, Certificate in Web Development – Remote — Apr 2022 – July 2022
Completed a four-month full-stack web development bootcamp focusing on Ruby, Rails, JavaScript, Vue.js, API-driven development, Git, and team collaboration.

Loyola Marymount University, Coursework toward B.A. in Business Administration – Los Angeles, CA, USA — Jan 2019 – June 2019

Pasadena City College, A.A Degrees in Business, Natural Sciences, Humanities – Pasadena, CA, USA — Jan 2015 – June 2018