

Guilherme Yuzo Hayashi

Typescript | Python | Kotlin | Swift | GenAI

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EXPERIENCE BACKGROUND

I am an experienced Software Engineer with over a decade of experience in delivering digital solutions across various industries, including SaaS, IoT, and AI. I've collaborated with global companies like MSD Merck, Mutual of Omaha, and Portobello, as well as emerging startups, helping them scale and innovate. I've held key roles such as Technical Product Manager and Chief Product Officer, leading cross-functional teams in building high-quality, scalable products using technologies like Python, JavaScript (React/NextJS), Java, Kotlin, and Swift. My expertise spans Product Discovery, Product Management, Agile Methodologies, and Cloud Infrastructure (AWS and Firebase).

At Cheesecake Labs, I spent nearly 8 years, where I progressed to a C-suite role, managing engineering and product teams to deliver over 10 successful projects. I've also been involved in AI-driven product development at AE Studio and Phunware, building solutions like document parsers and AI-powered content generation tools, chatbot for hospitality and other projects.. Currently, working at Zallpy as Software Engineer, I develop NextJS and Node applications with Typescript, React and Postgres.

I'm looking for opportunities to join engineering teams once again to contribute with coding, architecture's decisions, and to product's success.

PROFESSIONAL EXPERIENCES

Zallpy • Date: Jun/25 - present

Senior Software Engineer - Jun/25 - present

- Developed Typescript applications for healthcare industry, streamlining complex data structures to frontend in React (NextJS) and backend in NestJS (node)
- Worked with Postgres database to integrate with the data team

Phunware • Date: Dec/24 - Aug/25

Technical Product Manager - Dec/24 - present

- Managed backlog to build a chatbot using OpenAI as assistant integrated with native apps, and using a modular architecture to deploy into multiple clients
- Developed automation pipelines using n8n, OpenAI and Javascript
- Implemented Python script to test chatbot application w/ different questions using AI to analyze and evaluate answers

AE Studio • Date: Dec/23 - Aug/24

Technical Product Manager - Dec/23 - Aug/24

- Managed backlog to build a backend and API in Python to curate and serve content with AI, and a frontend in Next.js. The team consisted of 3 data scientists, 3 software engineers, and 1 designer. Application deployed in Heroku/AWS
- Managed backlog to build a backend API which receives a pdf and reads with AI in Python. The team consisted of 1 data scientist and 1 software engineer. Application was deployed in Azure with Docker
- Developed a company skunkwork using React and OpenAI to generate code from mockups

Cheesecake Labs • Date: Oct/15 - Jun/23

Chief Product Officer - Jan/21 - Jun/23

- Created the product strategy and roadmap for real estate company that wanted to create a reward app and easy-to-hire process for Gen Z users
- Managed the design and backlog of IoT products that connects app with hardware commands such as smart bidet and smart hot insole
- Facilitated design sprints to define the product roadmap and prototype for reward app, social media app, super app and marketplaces
- Managed the backlog to build a wallet and data/ticker monitoring app

Chief Project Officer - Oct/18 - Jan/21

- Developed and managed an app for a key account's project, frontend and APIs connected to an ERP to sell products, schedule appointments, manage stock and users. I helped the team in the last sprints with coding in Android and iOS platforms
- Developed native apps for healthcare, the apps were e-commerces for a pharmacy company. Android was built in Kotlin, and the iOS was Swift
- Developed Android app for fragrance company with phygital experience to help users to identify their preferences and choose the best perfume
- Helped unblock teams by providing hands-on development, devops support or technical decision
- Managed projects and teams using Scrum, Jira, Figma, Spreadsheets, and traditional project management tools such as Stakeholder management

VP of Project - Jul/17 - Oct/18

- Managed engineering teams and provided support with coding to deliver digital applications for Healthtech, Fitness, Educational, Marketplace, SaaS, Platform, E-commerce.
- Developed web admin in JS, backend in Node and native iOS app for a SaaS company. Deployed AWS EC2 and Postgres database. Implemented ElasticSearch for feed, and fuzzy search, and Redis for queueing updates.
- Developed native apps for a fitness company to manage food consumption and training sessions. The app was built with VIPER architecture in Kotlin and Swift.
- Helped unblock teams with hands-on development, coding in languages such as Swift, Kotlin, Javascript. Deployed applications in AWS
- Supported technical decisions and software architecture to ensure client's goals are aligned
- Responsible for allocating the right team to the right project

Senior Software Engineer - Oct/15 - Jul/17

- Developed web admin in Javascript, backend in Python, and Android app for a logistic company helping truckers with map Integration and services, implemented Google SDKs
- Developed web admin in Javascript, backend in Python, and native iOS/Android apps for the entertainment industry, the apps were podcast channels for college football teams, and there were +40 white-label apps to be deployed. Implemented scripts to deploy the applications
- Developed backend that integrates push notification with security systems using real-time database and listeners
- Developed iOS IoT app with BLE features to control doors using Objective-C
- Deployed applications with AWS, Heroku, App Store and Play Store
- Responsible for providing mentorship and guidance to coworkers and help them develop best practices

nKey • Date: Mar/14 - Sep/15

Software Engineer - Mar/14 - Sep/15

- Developed backend in Node.js and admin panel in Angular for event management company, database was NoSql
- Developed Android app for real estate company, and marketplace for restaurants using Java/Kotlin, implemented database with SQLite
- Developed GPS and QRCode tracking system with Python and Java (Android)
- Developed payment system in PHP and workers to process invoices
- Deployed applications using Jenkins for DevOps and AWS for infra
- Code reviewing and making sure the code is well versioned

Mobieve • Date: Dec/13 - May/14

Founder and Software Engineer - Dec/13 - Mai/14

- Developed a backend in PHP for event management system
- Gather requirements with potential customers and create technical specs/features

VP Sistemas • Date: Nov/11 - Mar/12 (5m)

Software Engineer - Nov/11 - Mar/12

- Developed in Delphi for ERP system, database was MySQL and deploy was Microsoft server.
- Developed SPED module that calculates taxes based on invoices
- Documenting the use case, class diagram and sequence diagram flow
- Creating and querying to the MySQL database with SQL language

EDUCATION & CERTIFICATES

- Computer Science Bachelor - UEM - 2008 - 2013
- Innovative Leadership Specialization - Unicesumar EAD - 2019 - 2020 (not finished)
- G4 Educação - Imersão em Growth - Feb/22
- Wildtech - Product Owner: Papel, Artefatos e Cerimônias - Oct/21
- PM3 - Product Management - Nov/20
- Kanban University - Kanban Systems Improvement - Oct/20
- Fluxo Unificado - Software Zen - May/20
- Kanban University - Kanban System Design - Nov/19
- Management 3.0 - Management 3.0 Foundation Workshop - Nov/18