

# Pascal Muang Khot

📍 San Francisco, CA, USA | ✉ pmk@khot.us | 🌐 mkpascal.net

## Skills

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With a decade of experience in web development serving 100+ millions of users for Fortune 500 and startup companies, I specialize in backend operations and possess frontend development and devops expertise.

Skilled in **Ruby on Rails, Javascript, Node.js, Next.js, Hotwire Turbo, React, Electron, CSS/SASS/SCSS, Bootstrap, HTML, PHP, Docker, Cloudflare, AWS, GitHub Actions, PostgreSQL, MySQL, Redis, RSpec.**

## Experience

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**Software Engineer - Back-End Developer @ Fandom | San Francisco, USA** 10/2022 - 05/2023

- Managed a high-volume custom CMS for Metacritic & TV Guide sites, serving 40 millions of monthly visitors.
- Engineered a robust transcoding framework using JWP, alongside content and commerce features.
- Played a key role in refining front-end usability through API optimization, which contributed to improved SEO scores by enhancing page speed rankings.

**Software Engineer - Full-Stack Developer @ Red Ventures | San Francisco, USA** 12/2020 - 10/2022

- Maintained a high-traffic CMS in-house platform, supporting 75 millions of monthly users for CNET & ZDNET.
- Undertook responsibilities involving front door, articles, and ads features for both brands
- Revamped the CMS UI/UX offering innovative functionalities and robust commerce integration.
- Architected seamless API solutions to bridge the gap between front-end and back-end systems.

**Software Engineer - Back-End Developer @ Paramount | San Francisco, USA** 07/2016 - 12/2020

- Led development of the full back-end platform with Rails as a site engineer for Chowhound, reaching 3 million monthly users.
- Orchestrated a large-scale migration to GCP, updating legacy stack to Docker, ensuring seamless scalability and reliability. Elevated server performance by meticulously fine-tuning Apache and Redis for maximum efficiency.
- Engineered a robust user account system, managed Wordpress and Apple partnerships and streamlined mail and queue management.

**Software Engineer - Full-Stack Developer @ Trulify | San Francisco, USA** 06/2013 - 04/2015

- Developed and built internal apps using Rails, delivering scalable and robust solutions.
- Engineered API connections with payroll service bureaus, enabling automated data exchange.
- Implemented a payment infrastructure, efficient subscription management, SMS system and billing.
- Designed and implemented secure data exchange protocols, safeguarding sensitive PII.

## Education

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**Bachelor of Science with Honours Computer Science @ SUPINFO University | Paris, France** 09/2008 - 06/2013

**Software Engineer - Full-Stack Developer Internship @ iTLiGENT | Paris, France** 01/2011 - 01/2012

**Software Engineer - Front-End Developer Internship @ Milky Interactive | Paris, France** 07/2010 - 09/2010

**Software Engineer - Front-End Developer Internship @ Vigilio | Paris, France** 07/2009 - 09/2009

## Languages

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**English**  
Bilingual Proficiency

**French**  
Native Language