

Contact

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www.linkedin.com/in/khangd

(LinkedIn)

khangdinh.com/about-me

(Portfolio)

khangdinh.wordpress.com (Blog)

www.github.com/Thesephi (Other)

Top Skills

JavaScript

Linux Server

Web Development

Languages

Vietnamese (Native or Bilingual)

English (Full Professional)

Certifications

Bachelor of Design - Multimedia
Systems

Honors-Awards

Webby Award

Vietnam Digital Agency of the Year

Publications

(Legacy) Web-based video player
simplegitignore npm module

Khang Dinh

Full-stack & DevOps Engineer / Tech Lead / Startup CTO

Berlin, Berlin, Germany

Summary

I build software using web-based technologies. It's my job & personal satisfaction to develop & deploy applications that (1) operate under high traffic and (2) are aesthetically functional, (3) solve practical end-user problems, and (4) house a good Developer Experience behind the curtain.

My areas of expertise:

- Web Development across disciplines: Client-side & Server-side, UI & UX, vertical & horizontal Scaling, Serverless & On-Premise, Microservice & Monolithic, branding SPA & SaaS, Security, Identity Federation

- Software Deployment across disciplines: Manual & Automatic, Cloud & Bare-Metal, Ad-hoc & At-scale, Deliverability & Maintainability

- Developing tools and utilities for the developer communities (corporate internal engineering teams & the public OSS developers)

- Media Streaming (transmission and consumption of video & audio signals through the www) along with end-to-end Advertisement inventory management & delivery (e.g. IAB standards)

My Stack: JavaScript (Vanilla / TypeScript / Node.js / React-stack, socket.io), HTML, (S)CSS, Bash, PHP, Java, NGINX, Redis, Docker, CD Pipelines, plus what's needed for my next projects

Server-side practices I'm knowledgeable about: Server-rendered views, Reversed proxies, HTTP/2, Cache management, Failover management, database-related Design Patterns such as: master vs slave, batch operations, early acknowledgement, CQRS, ETL, message pub/sub services, Memcache, Security-related topics such as CSRF, CORS, CSP, iptables

Management-wise, I'm familiar with Agile methodologies for software teams and Corporate Governance practices for startups / medium-sized corporates. I've managed software engineer teams up to the size of 5, and worked as Technology Advisor for an organization the size of 30

In my spare time, I enjoy discussing business ideas, building POCs and MVPs, and writing MIT-licensed utilities such as this: <https://khangdinh.com/vsc-simplegitignore>

More about me is available on:

- the command line: ``$ npx khang who``
- the www: <https://khangdinh.com/about-me>
- StackOverflow: <https://stackoverflow.com/cv/khangdinh>

Experience

Valsight GmbH
Software Engineer
March 2018 - Present
Berlin Area, Germany

- build the frontend components for our flagship product, making sure they look & work great across web browsers and user devices
- help brainstorm solutions to occasional technical challenges beyond the normal 'comfort zone' of the product/team
- rewrite components from an older stack to a newer stack to achieve better maintainability (it generally takes less time to fix bugs on the new stack than the old one)
- train junior colleagues on an ad-hoc basis
- work intensively with TypeScript, ReactJs-stack, ExtJs, d3js, enzyme, jest, webpack

RAYDAR - www.GoRaydar.com
Technology Co-Founder, Country Representative
March 2016 - August 2017 (1 year 6 months)
Vietnam, Singapore

- help secure funding for the company (additional SGD \$100.000 during my tenure here)

- hire & lead a small engineering team of size 3-5 as we develop and operate a web-based stock photo search-engine running on a microservice architecture & utilizing Elasticsearch, Node.js, React-stack, 3rd-party stock photo APIs, and Stripe payment API
- build public-facing webpages, API endpoints & internal tools, manage CI/CD & site-reliability
- help with PR, growth-hacking, and customer happiness
- my first job where the business involved communication with engineering peers from outside Asia (e.g. stock photo suppliers / API partners from Europe and the USA)

Pure Solutions Ltd.

Co Founder, Technology Director

February 2014 - February 2016 (2 years 1 month)

Vietnam

- help secure initial Seed fund for the company's E-Learning product (USD \$50.000)
- help recruit & lead an engineering team of size 4-5
- sketch technical plans (system architecture and API design) that are fine-tuned for client projects and in-house projects throughout different growth stages of the company
- contribute to Business Development, Public Relations, HR policy planning, TCO planning, project management, and growth-hacking
- develop websites and web apps utilizing: WordPress, PHP, JavaScript, ActionScript, HTML, CSS
- my first tech startup

Sofresh Digital Creative Agency

2 years 1 month

Digital Technologist

May 2012 - August 2013 (1 year 4 months)

Vietnam

- create technical guidelines and documentations (read: in-house dev resources / onboarding materials)
- research on digital trends and technologies that potentially sell well in the digital creative and marketing industry
- tech stack: actionscript-3, citrus-engine, flash, flash-builder, html, javascript, css, photoshop, adobe-illustrator

Interactive Developer

August 2011 - May 2012 (10 months)

Vietnam

- execute digital marketing solutions for at least 7 FMCG brands during my tenure here
- develop solutions and deliverables for both online (i.e. the www) and offline (i.e. wifi-connected vending machines) projects

PVAC

Interactive Developer

October 2008 - August 2011 (2 years 11 months)

Vietnam

- be among the founding engineers to a Video on Demand platform (known as <http://vivo.vn> today)
- pioneer in implementing the VAST video advertisement standard while working for one of the earliest VOD service providers in my home country (Vietnam)
- successfully implement OpenX AdServer (installation, using, and scaling) to support ad revenues directly from the advertisers (besides ad networks)
- build rich interactive-media websites
- work as a video encoding and streaming engineer (taught myself `ffmpeg` in the process)
- design and build front-end websites and widgets (ActionScript / CSS + JavaScript)
- tech stack: actionscript-3, html, css, javascript, wowza, flash, flash-builder, photoshop, adobe-illustrator, OpenX adserver

Education

RMIT University Vietnam

Bachelor of Design, Multimedia Systems · (2006 - 2009)