HOANG PHAM

FULLSTACK SOFTWARE ENGINEER

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PROFILE

An experienced Full-Stack Software Engineer with over 18 years of professional experience at multinational companies in Ho Chi Minh City, Milan, and Berlin. I hold a Bachelor's degree in Computer Science from Ho Chi Minh City University of Technology and a Master's degree in Computer Science from Politecnico di Milano.

💻 I specialize in building scalable web, mobile applications and frontend, backend systems using modern technologies. I'm experienced across a wide range of stacks:

Languages: JavaScript, TypeScript, Java, Kotlin, Python, Objective-C, Swift, Bash, .NET

Frontend: React.js, Vue.js, Next.js, React Native

Backend: Spring Boot, Ktor, Node.js, Django, GraphQL, Flask

Cloud & DevOps: GCP, AWS, Docker, Helm, Kubernetes, Terraform, CI/CD, GitHub Actions, GitLab

Testing: Jest, Cypress, Mockito, Spring Boot Tests, JUnit

Build tools: Maven, Gradle, Webpack

Databases: PostgreSQL, MongoDB, Redis, SQL Server

🔧 I'm passionate about clean code, scalable architecture, and continuously improving developer workflows.

EXPERIENCE

Sr. Software Engineer (Freelance), Wolt, Berlin/Remote – 04.2025 - 12.2025

Contributed to building critical payment and advertising infrastructure at Wolt across three major projects: Display Campaigns Platform, Payment Method Banners and Evergreen Campaigns.

Technologies mastered: Kotlin, Python, TypeScript, React, gRPC, PostgreSQL, Redis, Kafka, Kubernetes, and modern full-stack development practices including TDD, CI/CD, and production observability.

Sr. Software Engineer (Freelance), Deutsche Bahn, Frankfurt am Main/ Remote – 05.2024 - 12.2024

Join the team to develop the application for Operational Train Numbers within the Deutsche Bahn. The application is going to be used by thousands of clients of Deutsche Bahn to book their train journey within Germany and abroad.

Technologies utilized: AWS, Kubernetes, Helm, Docker, Kotlin, Java, Spring, Spring Boot, Javascript, Typescript, React, Next.js, Material-UI, Gitlab, Python.

Software Engineer (Freelance), Bettermile, Berlin – 05.2023 - 02.2024

Contributed to the development of the gls-rtt.com website, enhancing real-time tracking capabilities for millions of global users by leveraging Javascript, Vue.js and map technologies.

Transitioned to the BackOffice team, optimizing operations through the development of backend solutions using Kotlin, Java, and AWS CDK for infrastructure as code.

Technologies utilized: AWS, Kubernetes, Helm, CDK, Vue.js, Kotlin, Java, Spring, Spring Boot, AWS Lambdas, Quicksight, Python, Docker.

Sr. Software Engineer (Freelance),Klarna, Berlin, Remote – 01.2022 - 07.2022

Contributed to the enhancement of the Klarna consumer application's Map section, enabling millions of users worldwide to discover nearby shops easily. Played a key role in developing multiple features within the app.

Technologies: React.js, React Native, Javascript, Typescript, React Native Maps

Sr. Software Engineer (Freelance), Autoscout24.de, München, Remote – 06.2021 - 10.2021

Played a pivotal role in the development of Autoscout24 Smyle, streamlining the process of purchasing used cars from listing to delivery for millions of users across Germany.

Technologies utilized: *React.js, Javascript, Typescript, ES6*

Sr. Software Engineer, Adviqo GmbH, Berlin — 2019-2021

Architected and developed a backend Node.js application facilitating GSM calls on mobile phones, alongside leading the recruitment process for frontend developers.

Modernized questico.de using cutting-edge technologies, enhancing user experience for millions of users in Germany.

Technologies: Node.js, *Typescript, Next.js, Prisma, GraphQL, React.js, Javascript, Docker, Docker Compose, Kubernetes, Java, Google Cloud Platform GCP, Jest, Cypress, Contentful, ES5, ES6, Postgres, SQL, Cloud SQL, Github, Gitlab CI/CD, MongoDB, Python, Bash*.

Software Engineer, HelloFresh GmbH, Berlin — 2017-2019
Designed and implemented tools for HelloFresh's global supply chain management, significantly improving internal operations efficiency.

Technologies: *React.js, Redux, Hapi.js server, Concourse CI, Docker, Docker Compose, Java, Kubernetes, Helm, Amazon Web Services (AWS), Terraform, Pulumi, Github, Python, Bash*.

Software Engineer, Sparks42 GmbH, Berlin — 2015-2017
Developed innovative iOS applications for the furniture sharing and healthcare industries, driving advancements in both sectors.

Technologies: *React.js, Python/Django, Html5, CSS, Javascript, iOS, Cocoa, Cocoa Touch, Java, Google Cloud Platform GCP*.

iOS Software Developer, Seat Pagine Gialle, Milano — 2014-2015
Engineered Yellow Pages and White Pages applications, significantly enhancing accessibility and user experience for millions of Italian customers.

Technologies: *Objective-C, Cocoa, Cocoa Touch, iOS*.

iOS Software Developer, Crea Informatica Srl, Milano — 2009-2014
Played a key role in developing ticket and restaurant booking systems, meeting the needs of millions of users in Italy.

Technologies: *Objective-C, Cocoa, Cocoa Touch, iOS, Python*.

Software Developer, Catglobe Vietnam, Ho Chi Minh City — 2005-2007

Developed a cutting-edge marketing analysis tool for online advertising, optimizing campaign performance and targeting accuracy.
Technologies: *.NET, SQL SERVER, SQL, Javascript, HTML, CSS.*

EDUCATION

Politecnico di Milano, Milan, Italy — Master of Computer Science, 2007-2011

University of Technology, Ho Chi Minh City, Vietnam — Bachelor of Computer Science, 2001-2005