

# Guilherme Schwierske

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CONTACT INFORMATION      Address:            Friedrichshain, Berlin  
E-mail:            [ghopph@gmail.com](mailto:ghopph@gmail.com)  
Born:              29 September 1991  
Nationality:      Brazilian  
Portfolio:        [guilherme-schwierske.com](http://guilherme-schwierske.com)

KEYWORDS            **problem solver, fast learner, agile teammate, language agnostic, data driven, quality advocate**

CORE COMPETENCIES      

- Rapid understanding of new technologies and concepts.
- Requirements analysis and breakdown, software architecture and design.
- Capability to code for multiple platforms in multiple programming languages.
- A loyal team member devoted to achieve the goals together.
- Curious and adaptive learner always seeking new challenges.

RESULTS ACCOMPLISHED      

- Maintaining and evolving the Identity and Access Management solution of Zalando, more specifically in the Merchant Operations department, powering the access of partners, internal employees and service-to-service clients.
- Contributed to the further improvement of a highly profitable game in a major studio with 500 plus employees.
- Successfully converted monolith applications to microservices with production stability and proper instrumentation.
- Co-founder of a business providing optical character recognition services for [APM Terminals](#).
- Helped big corporations (such as [Votorantim Group](#)) to connect with their customers through the development and release of iOS and Android applications.
- Contributed to open-source project and pushed inside private companies for a more active and professional open-source presence.
- Directly involved in successfully implementing CI/CD processes with micro-services architecture.
- Top grades and final paper award which guaranteed immediate enrollment in master's degree at highly disputed federal institution.

AWARDS & CERTIFICATIONS      

- AWS Cloud Practitioner 2021 – [Acclaim](#)
- Best Final Paper of University 2013 (Software Prototype to Auxiliare and Stimulate the Corporal Stretching Process) – [Github Source](#)

PROFESSIONAL EXPERIENCE      **Zalando SE**, Berlin, Germany

*Senior Backend Engineer*

**April 2019 to present**

I joined Zalando to contribute to the company's ambitious plans regarding becoming a platform for fashion, working in a cross-functional team responsible for IAM solutions and gateways that power the entire ecosystem. Working with AWS, K8, Keycloak, Java, Golang, React.

**Freelancer**, Internationally

*Software Engineer/Architect*

**March 2009 to 2021**

To fulfill my passion to directly connected with customers and help them with their problems, increasing my networking and knowledge on the way. I have worked as a freelancer with clients from various backgrounds, from international projects to managing more than 5 million hectares of forest in Canada mobile application to track orders in restaurants with Android devices. I always cherish the value delivered to the client, which keeps me doing it for all these years.

**InnoGames GmbH**, Hamburg, Germany

*Senior Backend Engineer*

**March 2018 to April 2019**

InnoGames allowed me to experience the game industry firsthand. The constant load and peaks of millions of concurrent players pushed the PHP infrastructure to the limits. Working with a cross-functional team to deliver features and maintain Elvenar, in a bit more than a year we had great results achieved, especially modernizing the stack that powers the game to a new framework.

**Simplesurance GmbH**, Berlin, Germany

*Senior Backend Engineer*

**January 2017 to March 2018**

I was mainly involved in refactoring the previous monolith code-base in PHP to Golang microservices with gRPC and Docker containers. I got the chance to work with multiple tools from HashiCorp like Consul, Vault, and Nomad to operate the services in production. I had the chance also to code a complete React application to manage the claims of insurances.

**Onefootball GmbH**, Berlin, Germany

*Senior Backend Engineer*

**August 2015 to January 2017**

I was directly involved in implementing CI/CD pipelines to improve the deployment and scalability process. And at the same time, writing and migrating PHP services to a micro-service architecture with Golang and EC2 micro instances.

**yetu AG**, Berlin, Germany

*Senior Software Engineer*

**2015**

At yetu I was working with Scala, Play Framework, and Akka. The systems were operated with Ansible and powered the backend services for a home device like Google Home.

## **Five Intl Systems, Itajai, Brazil**

*Cofounder & CTO*

**February 2014 to April 2015**

Three partners and I co-founded a company focused on port solutions, specifically optical character recognition. The system was written in C++ with Qt and was installed into a few entry gates for the Itajai Port in Brazil. APM Terminals was the first customer with a venue estimated at \$4.24 billion.

## **Coderockr AG, Joinville, Brazil**

*Senior Software Engineer*

**March 2014 to April 2015**

Creating backend, web, and mobile apps for high quality outsourced development as ThoughtWorks. Developed a social network called SocialBase. Working with Java, PHP, Angular, AWS.

## **Humantech - Knowledge Management, Joinville, Brazil**

*Head of Development*

**March 2009 to March 2014**

I started working at Humantech at 17 years old, studying at a private university course in the evening. After six months, I was admitted as a junior software developer; I managed a team myself a few years later. The chaotic outsourcing environment helped me to discover that I am passionate about research and development.

## **EDUCATION**

### **Mastering in Applied Computer Science**

*UDESC*

**2014 - Unfinished**

After finishing my bachelor's, I enrolled in a master's degree in one of the country's best universities in the technology field. After a semester with some good disciplines that improved my research skills, my research line and the academy's focus no longer interested me. With the offer to move to Berlin, I left the master's unfinished.

### **Bachelor's in Information Technology**

*UNISOCIESC*

**2009 - 2013**

In college, I was one of the top students, even working the entire day during the whole four years of study. I won the prize Best Final Paper of University 2013, which later helped me to be accepted at the masters.

### **Technician Informatics**

*SENAI*

**2006 - 2008**

I started studying technology professionally at the age of 15, along with high school. This was a life-changer for me. It has allowed me to change my circumstances. When I started to understand how to program a computer, I knew that I wanted to do it for a living.

PROGRAMMING SKILLS	<p><b>strong</b> Golang, PHP, Java, Bash, SQL, JavaScript, HTML5 &amp; CSS</p> <p><b>moderate</b> Scala, TypeScript, Python, C++, Regular Expressions</p> <p><b>have used</b> C# &amp; Unity, Objective-C, C#, AutoLISP &amp; LaTeX</p>
CONCEPTS KNOWLEDGE	<p>network, rest, database normalisation, <a href="#">github flow</a>, micro-services &amp; monolith architectures, continuous integration &amp; deployment, refactoring strategies, system design, agile &amp; kanban methodologies, message systems, protocols</p>
FRAMEWORKS & TOOLS	<p><b>strong</b> git, bash, Kubernetes, Docker, AWS EC2, RDS, ECS, SNS, SQS, SES, S3, RabbitMQ, Redis, Postgres, Jenkins, Travis, Angular, NPM, Android, Zend, Symphony &amp; Doctrine</p> <p><b>moderate</b> EKS, React, BuildBot, MongoDB, Play Framework, NodeJS, Python Twisted &amp; Cyclone, Socket.io, DNS, Unix, Firewall &amp; Qt</p> <p><b>have used</b> Nomad, Consul, Vault, Hibernate, Akka, BackboneJS, Realm.io, XCode &amp; Elastic Beanstalk, Unity</p>
NATURAL LANGUAGES	<p>Portuguese (mother tongue), English (fluent), German (advanced) &amp; Spanish (moderate).</p>
COWORKERS REFERENCES	<p><b>Jonecir Souza</b> (Business Solutions Specialist)</p> <p>For the past few years, I have been working with Guilherme. Since then, I have gotten to know Guilherme quite well and can thoroughly vouch for his character, professionalism, and technical abilities. I have worked with him on close to 15 different IT projects, and I have continuously been impressed with both his technical skills and performance in our field.</p> <p><b>Andre Espeiorin</b> (Lead iOS Engineer)</p> <p>Guilherme is a talented language-agnostic programmer. No matter which language, he always begins with the problem itself, a rare characteristic nowadays. Also, he has a great team spirit, making him easy to fit in any high skilled team.</p>
MORE INFORMATION	<p>More information can be found at <a href="http://ghophp.github.io/">http://ghophp.github.io/</a>.</p>