

# THOMAS KÄNZIG

SOFTWARE ENGINEER

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**GitHub:** [github.com/thomaskanzig](https://github.com/thomaskanzig)

**Nationality:** Swiss

## SKILLS

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- Fullstack Web Development: Next.js, React, Redux Toolkit, JavaScript, TypeScript, Symfony Framework
- Mobile: React Native, Expo
- Frontend: HTML5, CSS3, Bootstrap, Tailwind CSS, UIKit, SCSS (7-1 pattern), NPM, YARN
- Backend: PHP, RESTful API development, API integration, SQL (MySQL), MVC pattern
- Unit (PHPUnit), integration (Symfony, Codeception), E2E (Playwright), and Test-Driven Development
- Version Control: Git
- CI/CD & Automation: GitHub Actions for automating builds, tests, and deployments
- Cloud & Hosting: AWS (EC2, S3, Amazon SES), Website hosting on Rocky Linux
- Debugging: Xdebug
- Clean & Quality Code Practices: ESLint, Stylelint, PHP\_CodeSniffer
- Containerization: Docker

## PROFESSIONAL SUMMARY

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Professional web developer focused on frontend development while also possessing strong skills in backend solutions. Committed to developing high-quality, full-stack applications with clean code, leveraging modern technologies, and integrating effective automation testing practices. Continuously learning and adopting new methodologies to ensure optimal project outcomes. Proven ability to collaborate effectively, adapt to challenges, and deliver impactful results.

## EXPERIENCES

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### **SENIOR FULLS-TACK WEB DEVELOPER (Remote) (AUG/2022 - SEP/2024)**

Sprad Software GmbH - Vienna, Austria

- Helped transform legacy code written in PHP and vanilla JavaScript into a modern architecture using Symfony and web components in TypeScript, implementing tests to improve maintainability and performance.
- Developed and implemented innovative features for the recruitment platform, significantly enhancing functionality and user experience.
- Took on additional responsibilities as a DevOps engineer, streamlining deployment processes and facilitating the seamless integration of applications.
- **Technologies:** Symfony, Selenium, SCSS, UIKit, Javascript, TypeScript, Vue.js, PHP, MySQL, Docker

### **INTERMEDIATE WEB DEVELOPER (MAR/2019 - MAI/2022)**

MASSIVE ART WEBSERVICES GmbH - Vienna, Austria

- Configured and deployed web applications, ensuring they met project specifications and client requirements for a diverse range of applications.
- Developed new features and implemented enhancements, improving both functionality and user experience across multiple projects.
- Provided ongoing support, including bug fixing, system updates, and performance optimization to ensure reliable and high-performing applications.
- Worked closely with the design and product teams to ensure that UI enhancements aligned with business goals.
- **Technologies:** Symfony, Sulu, SCSS, Bootstrap, JavaScript, TypeScript, jQuery, ReactJS, PHP, MySQL, Docker.

### **FULLS-TACK WEB DEVELOPER (JUN/2017 - MAR/2018)**

AGIL TRIBUTÁRIA - Maceió, Brazil

- Developed and implemented new features for finance-focused SaaS platforms, enhancing functionality and user experience.
- Provided ongoing support, including troubleshooting, bug fixing, and system maintenance to ensure reliable software performance.
- Contributed to the development and optimization of various finance systems used by clients for tax and financial management.

- **Technologies:** PHP, MySQL, HTML5, CSS3 (SASS), JavaScript (with jQuery).

### **FULLS-TACK WEB DEVELOPER (OCT/2015 - JUN/2016)**

GLOBAL TECNOLOGIA - Maceió, Brazil

- Contributed to the development of fiscal and financial systems for the Government of Alagoas, delivering solutions that supported critical government functions.
- Improved user interfaces (UI) and implemented new features to enhance system functionality, usability, and overall user experience.
- Diagnosed and resolved application bugs, ensuring high performance, stability, and reliability across the platform.
- **Technologies:** AngularJS, PHP, and MySQL to deliver robust solutions.

### **RESEARCHER (OCT/2015 - JUN/2016)**

NATIONAL COUNCIL FOR SCIENTIFIC AND TECHNOLOGICAL - CNPQ - Maceió, Brazil

- Led the development of an academic forecasting platform designed to analyze and predict optimal sugarcane harvesting times, enhancing agricultural decision-making.
- Researched and implemented neural network algorithms (back-propagation) in PHP, collecting and training data to improve the accuracy of predictions.
- Developed a user-friendly interface and a robust backend using technologies that ensure seamless interaction and large data processing.
- Applied artificial intelligence principles to optimize the platform's predictive capabilities, contributing to advancements in agricultural technology.
- **Technologies:** CakePHP, MySQL, HTML, Bootstrap, and JavaScript

### **FULL-STACK WEB DEVELOPER (JAN/2011 - APR/2015)**

B & B PRODUÇÕES E EVENTOS - Maceió, Brazil

- Promoted from Junior to Mid-Level Web Developer within the first year, reflecting rapid skill development and increased responsibilities.
- Played a key role in supporting and enhancing an e-commerce platform for automobiles, developing new features, implementing system updates, and resolving bugs to improve functionality and user experience.
- Collaborated closely with the design and product teams to ensure alignment between user interface improvements and business objectives.

- **Technologies:** HTML, CSS3, Bootstrap, JavaScript (jQuery), CakePHP, and MySQL to deliver high-quality, scalable web solutions.

## EDUCATION

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**BACHELOR'S DEGREE - INFORMATION SYSTEMS (2016)**  
INSTITUTO FEDERAL DE ALAGOAS - MACEIÓ, ALAGOAS

## CERTIFICATES

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**Docker Foundations Professional Certificate** – Docker

Date: February 24, 2025

[View Certificate](#)

**JavaScript Foundations Professional Certificate** – Mozilla

Date: February 8, 2025

[View Certificate](#)

**React Native - The Practical Guide** – Udemy

Date: January 14, 2025

[View Certificate](#)

**Playwright: Web Automation Testing From Zero to Hero** – Udemy

Date: October 31, 2024

[View Certificate](#)

**Understanding Typescript** – Udemy

Date: August 13, 2024

[View Certificate](#)

## LANGUAGES

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**ENGLISH** - (Fluent)

**GERMAN** - (Native)

**PORTUGUESE** - (Fluent)

# PROJECTS

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## **SPEAK WITH NATIVE**

A global language exchange platform that connects language learners with native speakers from around the world.

[View Website](#)

**Release Year:** 2024

**Technologies:** React, Typescript, HTML5, SCSS, Symfony, MySQL, Docker, AWS S3, Unit Tests, Playwright, Rocky Linux

## **BONOM**

A real estate portal developed independently in 2019, designed for real estate agencies to register and manage their properties seamlessly. The platform features a user-friendly administrative section that allows agencies to efficiently oversee their listings and enhance their online presence.

[View Website](#)

**Release Year:** 2019

**Technologies:** Javascript, HTML5, SCSS, Symfony, MySQL, AWS S3, Rocky Linux