

# Rami S. Zaki

SOFTWARE ENGINEER · FULL STACK DEVELOPER

Hamburg, Germany

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## Skills

### Programming Languages

TypeScript, JavaScript, C#, C++, Python, PHP, HTML/CSS

### Frameworks & Libraries

Nest.js, Angular, Vue.js, ASP.NET, React, Next.js, JQuery, Tailwind, Bootstrap, Yii PHP

### Databases & Technologies

Git, Docker, Docker Compose, GitLabCI, Github Actions, Cypress, Storybook, Swagger, MySQL, Jira

## Work Experience

### LimeSurvey GmbH

Hamburg, Germany

SOFTWARE DEVELOPER

April 2023 - Present

- **Led the frontend modernization effort**, migrating the application from **jQuery/PHP** to a **React-based Single Page Application (SPA)**.
- **Implemented a modernized UI/UX from Figma designs**, focusing on consistency, performance, and responsiveness.
- Designed and enforced a scalable **React architecture and frontend standards**, improving performance, maintainability, and developer experience.
- Established testing and quality foundations using **Jest, Storybook, pre-commit hooks, and GitHub Actions CI pipelines**.
- **Mentored** developers, **supported onboarding**, and contributed to **frontend technical interviews**.
- Worked closely with **clients** and **support** teams, handling production issues, **deployments, server setups, and plugin installations**.

### DoltBig

Utrecht, Netherlands

FULL-STACK DEVELOPER

Jan 2021 - Aug 2023

- Developed and maintained multiple production-grade platforms using **NestJS, Angular, Next.js, TypeScript, Tailwind, and Bootstrap**.
- Delivered real-world products including **Overnights, Foodeli, Miami Motorcycle Rentals, and CodingLab**.
- Built end-to-end features across frontend, backend, and database layers, from UI implementation to API design and integration.
- Led the migration of **Shopify** and **WordPress** solutions to custom **NestJS + Angular/Next.js/React** architectures, improving flexibility and scalability.
- Converted multiple applications from **JavaScript** to **TypeScript**, increasing type safety, maintainability, and long-term stability.
- Designed and implemented **RESTful APIs** and integrated third-party services such as **Stripe** and **Google APIs**.
- Worked closely with designers, developers, and stakeholders, translating business requirements into production-ready solutions.

### CodeKiste

North Rhine-Westphalia, Germany

GAME DEVELOPER

Feb 2020 - March 2021

- **Extended** and **stabilized** an existing **JavaScript-based educational game API** built on **Phaser.js** for **teaching programming fundamentals**.
- Implemented **high-level abstraction APIs** (e.g. **setBackground()**, **addJoystick()**, **onClick()**) focused on API design, usability, and readability.
- Designed features with a strong emphasis on accessibility, enabling kids and non-technical users to build interactive games with minimal code.
- **Developed 30+ educational games** demonstrating event handling, game loops, state management, and control flow.
- Wrote **automated unit tests (JavaScript testing frameworks)** to ensure API stability, regression safety, and predictable behavior.

## Education

### Ain Shams University

Cairo, Egypt

B.S. IN COMPUTER SCIENCE AND ENGINEERING

2017 - 2021

Courses: Algorithms, Data Structures, Networking, Operating Systems, Syntax & Semantics of Programming Languages, Calculus I & II & III.

## Projects

### Peam (Graduation Project - A+)

Frontend - Backend

PYTHON | DJANGO | POSTGRESQL | REACT | REDUX | GITHUB ACTIONS | DOCKER

Dec. 2020 - April. 2021

- A platform that is specifically aimed for programming teachers and students where teachers can create courses, upload lectures, invite students & other teachers and set programming lab assignments to be handed.
- Developed the ability for students to upload programming assignments/projects as a team which will be internally checked for plagiarism between other submitted projects using a smart algorithm that is able to identify plagiarized code blocks that was subtly changed (i.e: Function & variable renames).
- Implemented a comparison report which will be generated for the teachers to check and grade each project in addition to the ability to view and browse the project files.