

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

JUL 2021 - April 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

NOV 2020 - MAY 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()**, **onKeyClick()**) 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.

Foodeli

Live app

NEST.JS, ANGULAR, TYPESCRIPT, TAILWIND, CYPRESS, GITLABCI, STRIPE

2022 - PRESENT

- A website that allows restaurants to build their own restaurant order website and receive new orders online.
- Foodeli provides users with an easy-to-use interface and tools. It takes only minutes to set up a restaurant, add products, and start accepting payments.
- Foodeli provides secure payment processing with a variety of payment gateways, such as Stripe and PayPal.
- Foodeli is designed with mobile optimization in mind. This helps businesses reach a wider audience and increase conversion