

# Sami Alzein

Software Engineer with team spirit, assertiveness, and solution-oriented working style

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DOB: 01 September 1997

Birthplace: Homs

Nationality: German & Syrian

Marital Status: Single

## Summary

Dedicated Software Engineer with a strong mathematical understanding and continuous willingness to learn. I bring team spirit, assertiveness, and the ability to think and work independently. My perseverance and self-discipline drive me to deliver solution-oriented results in challenging technical environments.

## Work Experience

### Siemens AG

*R&D Software Engineer*  
Working

2022 – Present

Smart Infrastructure | R&D | Full-time

### adorsys GmbH & CO KG

*Software Engineer*

2020 – 2022

FinTech

Software Engineer working with Java, Spring Boot, Spring Security, OAuth2, Maven, Hibernate, JUnit5, and Mockito. Experience with Angular, Flutter, Jenkins, Docker, Helm, and OpenShift. Part of dual study program in cooperation with Technical University of Nuremberg.

## Education

### Technical University of Nuremberg (Technische Hochschule Nürnberg)

2018 – 2022

*Dual I.C.S. Bachelor's Degree in Computer Science*

In cooperation with adorsys GmbH & CO KG, Final Grade: 2.0

### General University Entrance Qualification

2007 – 2015

*Abitur*

Final Grade: 1.5 (Issued by German Recognition Office for Foreign Education)

## Recognitions & Awards

### Germany Scholarship (Deutschlandstipendium)

2020

*Technical University of Nuremberg • Scholarship*

Merit-based scholarship awarded for academic excellence and potential in Computer Science.

### I.C.S. Sponsorship Program Nomination

2020

*Technical University of Nuremberg • Academic Honor*

Nominated and chosen for the I.C.S. Sponsorship Program recognizing outstanding academic performance in dual study program.

### Excellent Academic Performance

2015

*General University Entrance Qualification • Academic Achievement*

Achieved final grade of 1.5 in General University Entrance Qualification (Abitur).

## Skills

- Java
- Spring Boot
- JavaScript
- TypeScript
- React/Next.js
- Jenkins
- IntelliJ
- Git
- Python
- Linux
- VsCode
- Docker
- Systemd
- Debian
- RAUC
- Jira
- Gitlab
- IMX8Mini
- Agile
- Confluence
- IoT
- VIM

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## Projects

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### Linux Charger Operating System

*Linux, Debian, Python, Systemd, RAUC, IMX8Mini*

Designed and developed software to build customized Linux-based operating system for electric vehicle chargers at Scale.

### Industrial IoT Platform

*Java, Spring Boot, React, PostgreSQL, Docker, Kubernetes*

Developed comprehensive IoT solutions for industrial automation at Siemens, enabling real-time monitoring and control of manufacturing processes.

### Financial Software Solutions

*Java, Spring Boot, Spring Security, OAuth2, Maven, Hibernate*

Developed and maintained financial software solutions atadorsys for clients with more than 10 Billion Euros in assets using Java and Spring Boot ecosystem. Focused on secure backend systems with OAuth2 authentication.

### Dual Study Project

*Java, Angular, Jenkins, Docker, Helm, OpenShift*

Comprehensive software engineering project completed as part of dual study program in cooperation between Technical University of Nuremberg andadorsys.

### Personal Portfolio

*Next.js, TypeScript, Tailwind CSS, Vercel*

Modern portfolio website showcasing my professional work and technical skills. Built with performance and accessibility in mind. [sami.alzein.dev](https://sami.alzein.dev)

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## Languages

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- **Arabic:** Native
- **German:** Fluent
- **English:** Very Good

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## Interests

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- Social Engagement: Support for refugees, translations, German language learning support
- Volunteering with Mudra (counseling organization)
- Classical Music: Enthusiast of Chopin, Vivaldi, Brahms
- Professional Literature: Andrew Tannenbaum, William Stallings