



# MITHAT CAN TURAN

## Software Engineer

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<https://mithatck.com>

## EDUCATION

### Computer Engineering Turkish German University

2019 - 2024

- Graduated with honors 3.2
- Board member of the computer club.

## SKILLS

- Python
- FastAPI
- Java
- Spring Boot
- PHP
- Retrieval-Augmented Generation (RAG)
- AWS
- GIT, Version Control, CI/CD
- Docker
- Software Testing

## LANGUAGE

- English C1
- German B2 (TestDaf 4443)
- Turkish

## SUMMARY

I am a highly ambitious software developer with experience in backend and AI technologies. I worked at global companies for 3 years in different teams gaining various experiences as a software engineer. I am most proficient in Python and PHP but also skilled in Java development. As a software engineer I am aware of major supplementary skills that I would need to be a better engineer like system design, cloud infrastructure, and software architecture.

## WORK EXPERIENCE

### Jotform

2024 August - Present

Software Engineer

- Integrated **Generative AI** into multiple products, including Jotform Apps and Jotform Agents, enhancing automation and user experience.
- Main Contributor of the AI Product <https://www.jotform.com/ai/app-generator>
- Worked extensively with structured outputs, function calling, and **Retrieval-Augmented Generation (RAG)** to improve AI-assisted workflows.
- Developed scalable backend services in **Python** and **PHP**, improving system reliability and reducing response times.

### CROSSOVER

2024 February - 2024 August

Software Engineer

- Worked as a platform engineer in EngineYard. EngineYard is a PAAS company that provides Cloud Solutions based on **AWS**.
- Developed and optimized **cloud** deployment stacks, ensuring scalability and reliability.
- Migrated customers from legacy cloud environments to modern cloud-native architectures.
- Built and optimized **Java & Spring Boot microservices** for telecom CRM solutions.

### JOTFORM

2022 November - 2024 February

Part Time Backend Engineer

- Worked with mobile development team for API and backend development
- Wrote comprehensive unit tests with Jest framework in **NodeJS** and **PHPUnit**.