



# OGUZ KAAAN DERE

Full Stack Developer

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## Summary

Full Stack Developer with a Master's degree in Computer Science, specializing in JavaScript, TypeScript, and modern web frameworks like Angular and Vue.js. Extensive experience in developing robust applications for the defense industry and leading full-stack projects utilizing Node.js, Vue.js, and PostgreSQL. Passionate about delivering scalable and innovative software solutions in dynamic environments.

## Education

### MSc in Computer Science

Baskent University  
Feb 2022 - Dec 2024

### BSc in Biomedical Engineering

Baskent University  
Sep 2015 - Jul 2020

## Technical Skills

**Programming Languages:** Java,

JavaScript, TypeScript, Python,

**Frameworks/Libraries:** Angular, React,

Vue.js, Node.js, SpringBoot, Hibernate,

**Databases:** PostgreSQL, MongoDB,

**Tools:** Git, REST APIs, Maven, GlassFish,

**Other:** HTML5, CSS, Agile Methodologies

## Languages

Turkish (Native), English (B2), German (A2)

## Certifications

- Certified Web Professional-Web Developer
- Java Development Certified Professional

## Work Experience

### Ekinoks Software

Dec 2022 - Present

Full Stack Developer

- **Backend Optimization:** Optimized service usage in the backend to minimize API call frequency, significantly enhancing data processing efficiency and overall system performance.
- **Modular Component Development:** Leveraged the robust features of Vue.js to develop reusable and modular components, ensuring a clean and maintainable codebase.
- **Scalable Architecture:** Implemented best practices to build a scalable, performance-driven architecture for both frontend and backend, supporting future growth and adaptability.

### Fonet Software

May 2021 - Nov 2022

Full Stack Developer

- **End-to-End Development:** Led the end-to-end development of critical modules within a large-scale hospital management system, utilizing technologies like Java, JavaScript, and PostgreSQL to deliver robust and reliable solutions.
- **Performance Enhancement:** Improved system performance by 12% through optimized data processing algorithms, resulting in faster response times and more efficient resource utilization.
- **Cross-Team Collaboration:** Worked closely with multiple teams across different stages of the development lifecycle, ensuring seamless integration and high-quality delivery of over 60 web applications. Scalable
- **Solutions:** Developed scalable and maintainable code by adhering to MVC frameworks and best practices, facilitating future upgrades and system expansions.

### ATOM - METU

Jul 2019 - Aug 2020

Game Developer

- **User Engagement Optimization:** Spearheaded the development and optimization of game mechanics, leading to a 15% increase in user engagement and improved player retention.
- **Performance Tuning:** Enhanced game performance by 10% through targeted optimizations in graphics rendering and resource management.
- **Feature Innovation:** Designed and implemented innovative features that improved the overall gaming experience, contributing to the project's success in the market.