

# FATİH ES

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## ABOUT ME

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Innovative full-stack software engineer with a strong foundation in cloud-native development, system architecture, and AI integration. AWS-certified and experienced in building scalable, high-performance applications—from AI-powered chatbots to complex event-driven microservices. Passionate about clean, maintainable code and user-centric design. Currently deepening my expertise in artificial intelligence through graduate research, while driving development for next-gen gaming platforms. A proactive collaborator who thrives in fast-paced, cross-functional teams committed to technical excellence and continuous learning.

## EXPERIENCES

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### Software Developer - Panteon Games

Dec 2024 - Present | Ankara, Turkey

- **Led the re-architecture of control panels** for live mobile games with 100K+ concurrent players, leveraging AWS (Lambda, API Gateway, Athena), Next.js, and NestJS to improve latency by 30% and ensure 99.95% uptime.
- **Engineered a scalable event tracking platform** using serverless GCP (Google Cloud Platform) services and event-driven architecture, reducing infrastructure costs by 80% and enabling real-time analytics that improved retention (+18%) and purchases (+22%).
- **Deployed an AI-driven support chatbot** (OpenAI API + fallback systems) handling 5K+ daily player queries with a 65% resolution rate, decreasing manual ticket load by 25% and boosting player satisfaction by 20%.

### Software Developer - Moneo (Outsource Karaca)

Mar 2023 – Dec 2024 | Istanbul, Turkey

- **Modernized Kommunity.com's frontend/backend stack** with React-TS and Node.js, cutting tech debt by 25% and increasing maintainability via modular architecture and improved test coverage.
- **Designed a custom admin platform** using Laravel and React.js for Karaca, improving campaign/product management efficiency and reducing time-to-market for new promotions.
- **Enhanced UI/UX performance** on e-commerce platforms using React.js and jQuery, increasing average session duration by 30% and improving conversion rates.
- **Refactored microservices infrastructure** using NestJS and Laravel, reducing CPU usage by 25% and accelerating API response times by 20%.

### Software Developer - Nette Interactive

Oct 2022 - Jan 2023 | Bursa, Turkey

- **Automated deployment workflows** for corporate web apps via Laravel and CI/CD pipelines, decreasing deployment time by 40% and minimizing release downtime.
- **Delivered pixel-perfect interfaces** using Vue.js, HTML5, and TailwindCSS, increasing user engagement by 25% and cutting bounce rates by 15%.
- **Launched and optimized web portals** for clients including Dawood Timber and Chnoca Perfume, achieving a 30% uplift in customer conversions.

### Software Developer Scholarship - TUBITAK

Oct 2021 - Feb 2022, Bursa, Turkey

- **Contributed to PyNar**, an open-source project funded by Turkey's National Research Council, developing RESTful APIs in PHP and architecting scalable backend modules.
- **Built intuitive frontends** using Vue.js and Bootstrap 5, enhancing accessibility and responsiveness across multiple screen sizes.
- **Collaborated in an Agile team** of researchers and engineers, applying version control (Git) and CI best practices to deliver production-ready features.

## EDUCATION

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### Master of Science, Computer Engineering

*Gazi University, Ankara, Turkey (Ongoing)*

- Graduate studies focused on **Artificial Intelligence**, with coursework in machine learning, deep learning, and data-centric system design.
- Research interests include AI in gaming, autonomous decision systems, and cloud-based intelligence pipelines.

### Bachelor of Science, Computer Engineering

*Bursa Technical University, Bursa, Turkey (Graduated with Honors)*

- Ranked **3rd in department**, with a GPA placing in the top percentile.
- **Core Team Member** – Google Developer Student Club: Led collaborative student projects and peer-learning sessions.
- **Huawei Campus Ambassador** – Organized workshops and hands-on events to promote developer tools and platforms.

## SKILLS

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**Languages:** JavaScript, TypeScript, PHP, Java

**Frameworks:** Laravel, Express.js, Spring Boot, NestJS, React.js, Vue.js, Next.js, Nuxt.js

**Frontend:** TailwindCSS, Bootstrap, HTML5, CSS3, jQuery

**Backend & APIs:** REST, GraphQL, Microservices, Domain-Driven Design

**Cloud & DevOps:** AWS (Lambda, S3, API Gateway, DynamoDB, Athena), Docker, Git, Linux, CI/CD pipelines

**Databases:** PostgreSQL, MySQL, MongoDB, Google BigQuery

**Other:** Redis, Prisma, Agile/Scrum, System Design

## CERTIFICATIONS & RECOGNITION

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AWS Certified Developer – Associate | Issued Apr 2025

AWS Certified Solutions Architect – Associate | Issued Jan 2023

Amazon Web Services Community Builder | Selected in Mar 2022

Microsoft Learn Student Ambassador | (Oct 2021 – Jun 2023)

Huawei Student Developers Campus Ambassador | (Mar 2022 – Mar 2023)

## PUBLICATIONS & PROJECTS

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AWS Certified Develop Exam Preparation Notes

*Comprehensive open-source notes and study guides for AWS DVA-C02 certification.*

Refactoring Turkish Guide (GitHubRepo)

*Turkish-language guide for improving code quality using refactoring principles.*

Design Patterns Turkish Pilot (GitHub Repo)

*Introductory project showcasing key design patterns with TypeScript examples.*

Introduction to Cloud Computing with AWS Turkish Manual (GitHub Repo)

*Beginner-friendly learning material published for Turkish developers in open-source format.*