FATIH ES

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**ABOUT ME**

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**

**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**

**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**

**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**

[AWS Certified Developer – Associate](https://www.credly.com/badges/cf97e59f-b9e6-43ed-822d-5d78b3d8d57e/public_url) | Issued Apr 2025

[AWS Certified Solutions Architect – Associate](https://www.credly.com/badges/8d2f53d9-0e6f-47f4-b8c4-201b8b860881/linked_in?t=rof0ko) | Issued Jan 2023

[Amazon Web Services Community Builder](https://aws.amazon.com/tr/developer/community/community-builders/community-builders-directory/?cb-cards.sort-by=item.additionalFields.cbName&cb-cards.sort-order=asc&awsf.builder-category=*all&awsf.location=*all&awsf.year=*all&cb-cards.q=Fatih%2BEs&cb-cards.q_operator=AND) | Selected in Mar 2022

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

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

**PUBLICATIONS & PROJECTS**

[AWS Certified Develop Exam Preparation Notes](https://github.com/fatihes1/aws-certified-developer-associate-preparation)

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

Refactoring Turkish Guide ([GitHubRepo](https://github.com/fatihes1/refactoring-turkce-kaynak))

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

Design Patterns Turkish Pilot ([GitHub Repo](https://github.com/fatihes1/tasarim-desenleri-tr))

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

[Introduction to Cloud Computing with AWS Turkish Manual (GitHub Repo)](https://github.com/fatihes1/AWS-ile-Bulut-Bilisimin-Temelleri)

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