Ali Eren Kayhan

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Software Developer

github.com/Alierenkayhan | linkedin.com/in/alierenkayhan

Full Stack Developer | DevOps

Personal website: alierenkayhan.com

Gungoren, Istanbul, Turkey

SUMMARY

Full Stack Developer with a strong background in mobile and desktop application development, specializing in ASP .NET MVC Core. Graduate of Boğaziçi University with a GPA of 3.54 and recipient of the Special Secretary Award and High Honors. Passionate about technology, large-scale software design, and collaborative projects.

TECHNICAL SKILLS

C#, MSSQL, GIT, JQuery, Tailwind CSS, Vite.js, Next.js, Docker, Cisco Packet Tracer, Database Design, MQTT, IoT, PostSQL, MySQL, PHP, Template Engine, React, Javascript, Django, Python, API design, System Design, DevOps, Reverse Engineering, JSON, Test Automation, Selenium, R, Machine learning, React Native, Ubuntu, ISS, Redux,Unity,Game Development, Game Design,API Integration,Database Management,OCR Technology, Redis, Microservices, N-Tier Architecture, Onion Architecture,CQRS, Mediator, ELK Stack (Elasticsearch, Logstash, Kibana)

CORE COMPETENCIES

Project Management, Product Management, Documentation, Lifelong learner, Coordinating a team, Team worker

ACADEMIC BACKGROUND

2017 – …   **Boğaziçi University**, Istanbul, Turkey

Department of Computer Education and Educational Technology

- GPA: 3.54/4.00
- Graduated with High Honors, Rank 2

2022 – 2023 **Bremen University**, Bremen, Germany (fall semester)

Department of Digital Media

- Erasmus Exchange Scholarship Program

2012 – 2016 **Tuncay Azaphan A.T.M. High School**, Istanbul, Turkey

Information Technologies / Web Programming

- Grade average: 86,78
- Graduated, Rank 1
- Team member in Basketball, Chess, Knowledge Contest, Shot Put

LANGUAGE

English B2, German A2, Turkish Native Speaker

WORK EXPERIENCE

2023 - ….   **Memoria Bilişim ve Medya A.Ş.- Full Time**

Press Advertisement Institution (Basın İlan Kurumu);

- Mediating the publication of official advertisements and ads for public institutions in newspapers and magazines through Memoria consultancy services.
- Extensive experience in working with .NET Framework, .NET Core, and MSSQL.
- Developed the Monthly List application using C#.

Sentral News;

- Contributed to Sentral News, a platform built with React (Next.js) for the front end, Django for the back end, and Postgres for the database.
- Conducted API Integration & Data Management, optimizing backend services for fast and reliable functionality.
- Prioritized a performance-oriented approach, ensuring high responsiveness for users.
- Designed a user-friendly UI to enhance the overall user experience.
- Developed software for server testing using Windows Form, Selenium, MQTT, and MSSQL, covering various client scenarios.
- Conducted basic penetration security tests on the platform to identify and address potential vulnerabilities, ensuring robust security measures.
- Developed mobile application with React Native

Türkiye Hava İş Sendikası;

- Enhanced and maintained the website built with PHP, Twig, MySQL, jQuery, and various Javascript libraries for the Turkish Aviation Workers Union.

SDAG - Full Stack Developer;

- Contributed to a cybersecurity project in collaboration with Sentra Bilişim A.Ş. and Turkcell, focusing on sensitive data management.
- Developed a discovery engine with .NET for collecting sensitive data using keywords or Regex.
- Managed parallel and asynchronous tasks for efficient data processing.
- Conducted comprehensive analysis of databases to identify and secure sensitive information.
- Utilized file processing techniques to detect and handle sensitive data within documents and files.
- Implemented OCR technology to extract and analyze data from images, enhancing the detection of sensitive information.
- Developed with Onion Architecture, Unit of Works, Repository Design Pattern, Mediator, Powershell Scripts, CQRS,Central Package Management (CPM)

Inovenso;

- Developed a mobile application using React Native, integrated with MQTT (Message Queuing Telemetry Transport) protocol.
- This application empowers users to seamlessly control and monitor their devices directly from their smartphones. By leveraging MQTT, the app ensures efficient, real-time communication with connected devices, providing users with a reliable and responsive control experience.

2023 - ….   **Oyun ve Uygulama Akademisi**

Graduate Student From 2023

Trainee From 2023

Selected among 2,000 scholars from a pool of 35,000 participants in the Oyun ve Uygulama Akademisi, supported by: T.C. Sanayi ve Teknoloji Bakanlığı | Republic Of Turkey Ministry of Industry and Technology, T.C. Cumhurbaşkanlığı Dijital Dönüşüm Ofisi, Google Turkey, Türkiye Girişimcilik Vakfı, T3 Vakfı

2022 - ….   **Indie Game Developer**

Development activities;

- Develop 2D and 3D games across various genres using Unity game engine.
- Publish on itch.io and GitHub
- Adept at implementing game mechanics, interactive features, and immersive gameplay experiences.

2020 - ….   **EduTech - Boğaziçi University Education and Technology Community,**

President From 2022

Development activities;

- Build a Website:
    - Led the development of the EduTech website, ensuring a user-friendly and informative online presence.
- Build a Simulation:
    - Developed interactive simulations, featured on itch.io and published on Boun-Edutech GitHub and personal GitHub account.
- Social Media and Account Management:
    - Established and managed social media accounts, maintaining consistent branding and fostering engagement.
- Introduction Video Production:
    - Produced a compelling introduction video for the new EduTech administration, effectively communicating the vision and goals.
- Event Coordination:
    - Orchestrated and planned various educational events and talks, contributing to a positive attendee experience.

Member From 2020

Development activities;

- Club Logo Design:
    - Proposed and developed impactful logos for EduTech, capturing the essence and identity of the organization.
    - Ensured the logo designs aligned seamlessly with the club's values and objectives
- Club Activities Poster Design:
    - Contributed the design of eye-catching posters to promote and showcase various club activities.
    - Successfully communicated event details and highlights through visually engaging poster designs.

2017 - 2018   **COMPEC - Boğaziçi University Informatics Club, Team member**

Responsibility;

- Tech Event Coordination:
    - Engaged with Airbar firm for Techsummit 18, overseeing registrations, and providing guided experiences.
- Correspondence with Airbar:
    - Successfully managed correspondence with Airbar firm for Techsummit 18, ensuring seamless coordination for the event.

- Event Registration and Assistance:
  - o Provided efficient registration services, ensuring a smooth onboarding process for attendees.
  - o Offered guidance and support throughout the event, addressing queries, and facilitating a positive experience.
- Insider Firm Tour Guide:
  - o Led individuals through the Insider Firm Tour, offering insights and facilitating a memorable experience.
  - o Captured moments by taking photos to document the tour and showcase the event's highlights.

INTERNSHIP

Sept 2016 - Nov 2016 **Yıldız Teknik University**, **Intern** (3 Month Full Time)

Responsibility;

- Laboratory Management Intern | Vocational High School
  - o Internship under the guidance of Assistant Professor Dr. Ziya Cihan Tayşi, focused on optimizing laboratory infrastructure.
- Vocational High School Internship:
  - o Interned to enhance laboratory facilities and operations, contributing to the educational environment for vocational high school students.
- Cable Arrangement and Laboratory Setup:
  - o Played a key role in organizing laboratory cables, ensuring a safe and efficient workspace.
  - o Contributed to the overall setup and maintenance of laboratory equipment.

Development activities;

- Laboratory Plan Design:
  - o Designed a comprehensive plan for the laboratory using Adobe Fireworks, optimizing the layout for functionality and safety.
  - o Collaborated with Dr. Ziya Cihan Tayşi to implement innovative solutions for an enhanced learning environment.

PROJECTS

2020 - 2022 **Mr Academic World, Developer and Founder**

Development activities;

- Established and led a development studio specializing in Learning Management Systems (LMS), dedicated to enhancing the effectiveness of learning.
- Developed integral strategies to optimize learning experiences through advanced Learning Management Systems.
- Designed visually appealing materials using Canva, Photoshop, and Adobe Premiere Pro.
- Created compelling website content to effectively communicate the studio's vision and achievements.
- Developed a desktop version called MKA on the CET-301 GitHub repository.
- Build a new modern and user-friendly LMS system with Asp.net MVC Core, dot net framework, CSS, MSSQL, HTML, Bootstrap, Javascript,Winforms

VOLUNTEER EXPERIENCE

2022 - …. **TED Talks Translator and Reviewer**

Development activities;

- Translate and review TED Talks videos as a volunteer
- A youtube playlist to reach TED videos that I translated and reviewed on my website

2022 - 2023   **Not Tutuyoruz, Editor From 2022**

Development activities;

- Checking blogs written English

Content Writer From 2022

Development activities;

- Publish blogs about different topics on Medium

CERTIFICATIONS

2023	Oyun ve Uygulama Akademisi Mezuniyet Sertifikası 2023
2023	Project Management Fundamentals from Google
2023	Next-Gen Mentorluk Programı Katılım Sertifikası
2022	One Month Learn Product Management
2022	One Month Learn Content Marketing
2022	One Month Learn Project Management

BLOG PUBLICATIONS

2022   **Creating University Network System In Cisco Packet Tracer**, Instruction

- Optimize university network topologies and imitate modern computer networks.
- Stimulate the topology in Cisco Packet Tracer
- Collaborate to document our strategy
- Published on Blogger, Medium, and Patika Dev

2022   **SQL Pizza Company Database, Database, and MSSQL**

- Optimized class diagram
- Built a database
- Documented business rules and the project

HOBBY

- 10 bronze, 6 silver, and 2 gold medals from sports.
- Judo (2. dan judo black belt, 1. level judo assistant coach, more than 10 years)
- Basketball
- Chess
- Playing saz
- Solving the Rubik's Cube and Megamix