

Kaan AYDIN

Full-stack Engineer | AYDIN, TURKEY | contact.me@kaanaydin.net

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Holds A Bachelor of Science degree in Software Engineering, passionate about innovative solutions and high-quality product development, with experience in developing CMS, web applications, and RESTful APIs using PHP and JavaScript & Typescript frameworks such as Laravel, CodeIgniter, Express.js, React.js, Next.js.

Work Experience

Intern | Bimar IT Services – Arkas Holding

Jun 2020 – Aug 2020 | Izmir, Turkey

- Worked in the Business Intelligence department, developed a web application using JavaScript, React.js, and Express.js to streamline tracking of Microsoft SQL Server Agent Jobs across departments.
- This application improved internal planning and provided the business intelligence team with crucial insights for optimising SQL Server Agent jobs scheduling, while also offering API endpoints for seamless data integration with other on-premise applications.

Skills: Problem Solving, Teamwork, JavaScript, React.js, Express.js, RESTful API, ESLint, Jest, supertest, Cypress

Web Developer | Freelance

Mar 2016 – Oct 2019 | Remote

- Developed back-end of a CMS with PHP and Laravel that enables issuers to easily create, design, manage and issue certificates for eligible recipients. Enables recipients to proudly display their certificates on their profile page, while simplifying talent discovery for companies through certificate-based searches. Provides a streamlined payment experience through integrated payment processors such as Stripe.
- Created an advanced CMS using PHP, Laravel, JavaScript and MySQL for a non-profit organization, enabling media and file management, internationalization (i18n), branch-specific sub-websites, user management, private messaging, and custom menu and page building which led to improved organizational efficiency and streamlined content management.
- Revamped an agricultural site by developing a CMS with PHP, CodeIgniter and Bootstrap, enabling users to create custom pages, menus, and categories which significantly improved site usability and streamlined content management.

Skills: Problem Solving, PHP, JavaScript, Laravel, CodeIgniter, Bootstrap, MySQL

Projects

[simple:api](#) • owner

Jul 2022 – Present

- A Restful API builder offers a user-friendly web interface for creating APIs.
- Users can design content types and user groups and manage their content and their CRUD permissions in one user-friendly Web UI having the CMS-like experience.
- The generated API endpoints enable the use of this content across multiple applications such as web, mobile and desktop applications.

Skills: [Problem Solving](#), [JavaScript](#), [Typescript](#), [Next.js](#), [MongoDB](#), [HTML](#), [CSS](#), [Tailwind CSS](#)

[ssajv](#) • owner

Jun 2020 – May 2022

A Comprehensive web UI with visual analytics and RESTful API for SQL Server Agent Jobs using Express.js and React.js, developed during the internship at Bimar IT Services.

Skills: [Problem Solving](#), [JavaScript](#), [Express.js](#), [React.js](#), [D3.js](#), [HTML](#), [CSS](#), [ESLint](#), [Jest](#), [supertest](#), [Cypress](#)

Tech Stack

Languages:	JavaScript, Typescript, PHP, Python
Frameworks:	Next.js, React.js, Express.js, Laravel, Django, Tailwind CSS
Libraries:	Redux, React Router, React Testing Library
Database:	MySQL, MongoDB, Prisma
DevOps:	Docker, Kubernetes, Git, Github, Gitlab, NPM, Yarn, Jest, supertest, Cypress
Other:	Restful API design, unit, integration and E2E testing

Education

2016 - 2020

Izmir University of Economics | [Bachelor of Science, Software Engineering](#)

- In addition to his standard software engineering education, took server-side, client-side scripting languages courses due to his interest in web programming and also, the fundamentals and applications of machine learning course during his senior year, driven by his interest in machine and deep learning.

2014 - 2016 | [Grade: 3.46](#)

Izmir University of Economics | [Associate of Science, Computer Programming](#)

- Honored to be among the top 5 students in the department.

Licenses & Certifications

IBM DevOps and Software Engineering Specialization | IBM

Issued Feb 2024

Credential ID: [GPVB3YD2AWVM](#)

Skills: Agile, Test-Driven and Behavior-Driven Development, CI/CD, Static and Dynamic Analysis, Vulnerability Assessment, Tekton, OpenTelemetry, Gherkin, Mezmo, OWASP, Snyk, Nmap, Docker, Kubernetes, OpenShift, Grafana, IBM Instana Observability, IaaS, SaaS, IaC, PaaS

Meta Full-Stack Engineer Certificate | Coursera

Issued Feb 2024

Credential ID: [75HMQif1](#)

Skills: User Experience (UX), User Interface Design, Object-Oriented Programming (OOP), JavaScript (ES6), Python, React.js, React Testing Library, Django, Django REST Framework, MySQL, Git, GitHub

Meta Back-End Developer Specialization | Meta

Issued Dec 2023

Credential ID: [KZCJ2MJQXDR6](#)

Skills: REST APIs, Python, Django, Django REST Framework, MySQL, Git, GitHub

Meta Front-End Developer Specialization | Meta

Issued Dec 2023

Credential ID: [UDLX5NH8L89G](#)

Skills: User Experience (UX), User Interface (UI) Design, JavaScript (ES6), React.js, React Testing Library, HTML, CSS, Git, GitHub

AWS Fundamentals: Going Cloud-Native | Amazon Web Services (AWS)

Issued Sep 2020

Credential ID: [BH6K2LHYPDD](#)

Skills: Amazon Web Services (AWS), User Interface (UI) Design, Amazon LightSail, Amazon EC2

Developing Applications with Google Cloud Platform Specialization | Google Cloud

Issued Jun 2020

Credential ID: [553DWTZ2N8WG](#)

Skills: Google Cloud Platform, Cloud Computing, Cloud API, Cloud Infrastructure, Cloud Architecture, Software Architecture

Honors & Awards

Honor Student

Issued by **Izmir University of Economics**

Jun 2016

With a GPA above 3.00/4.00

Honor Student

Issued by **Izmir University of Economics**

Jun 2015

With a GPA above 3.00/4.00

Volunteering

Member of the Organizing Committee | **The Global Game Jam**

Jan 2016 – Jan 2018

Jam site: GGJ EGE

- Took part in the management as vice president of the event organizing committee
- Built participant management system and the website of the jam site which allows the organizing committee to easily create online forms for the event and keep track from its results as well as easily integrate to the website of the jam site.
- GGJ is the world's largest game jam event (game creation) taking place around the world at physical locations.

Executive Board Member | **Oyun Geliştirme Takımı**

Jan 2015 – Jan 2018

- Took on a role that involved making critical decisions on organization-wise technologies. This has improved the organization's efficiency, productivity, and security in terms of technologies, allowing the organization to successfully host global events like GGJ and various local events and tournaments.
- Additionally, developed a CMS for the organization, allowing them to manage and integrate their website content, as well as form, event, and course data seamlessly. This provided the team with a single-point software solution that could be tailored to their needs instead of having to use multiple different software solutions and also minimized the cost.