



KUTAY AKPINAR

Computer Engineering student with strong academic background and practical experience in backend and frontend development, microservices, and AI applications. Skilled in Java, Spring Boot, React, React Native, Docker, .NET, SQL/NoSQL databases, and cloud technologies. Passionate about delivering efficient, scalable, and user-centric software solutions while continuously learning and adapting to new technologies.

CONTACT

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Portfolio: [My GitHub!](#)

PROFESSIONAL EXPERIENCE

Software Engineer Intern | 2024 September – 2024 October

PRESIDENCY OF THE REPUBLIC OF TURKEY HUMAN RESOURCES OFFICE

- Two web-based projects were developed to be used within the Presidency of the Republic of Turkey Human Resources.
- Technologies such as .NET, .NET Razor Pages, Microsoft Identity, MSSQL, Shell Script, .NET Worker Service, React, Spring Boot, Docker were used.

Research and Development Intern | 2024 February – 2024 August

TUBITAK

- The project titled "Size Measurement for Microservices Based Architectures" was managed by Prof. Onur Demirörs under TÜBİTAK 2247-C Star.
- A microservices-based backend API was created. It focused on utilizing various technologies, including Python, RabbitMQ, WordPress, and the HuggingFace API.
- The project research group's website has been created. You can access the website by clicking [softw-ai.com](#).

Software Developer Intern | 2023 July – 2023 September

DAVON INFORMATION TECHNOLOGIES

- Full-stack projects were developed using technologies such as Java, Spring, React, React Native, Docker, Hibernate, HTML, CSS, MSSQL, Langchain, and Firebase. The UI was designed using Figma.

EDUCATION

IZMIR INSTITUTE OF TECHNOLOGY | 2019 – 2025

Bachelor of Science in Computer Engineering

- GPA: 3.50 / 4.0

BANDIRMA ENERJISA SCIENCE HIGH SCHOOL | 2015 – 2019

High School Degree

- Graduation Grade: 96.4/100

BOOTCAMPS

GETİR JAVA SPRING BOOT BOOTCAMP 2025

8 Weeks

- Completed a comprehensive backend development bootcamp covering Java fundamentals, OOP principles, and Clean Code practices.
- Gained hands-on experience with Spring Boot, RESTful APIs, microservices architecture, and database technologies (SQL/NoSQL).
- Practiced unit and integration testing using JUnit and Mockito, and worked with Git, GitHub, and CI/CD workflows.

GLOBAL AI HUB AI SUMMER CAMP 2023

8 Weeks

- I worked extensively with Python and libraries like NumPy, Pandas, Matplotlib, Scikit-Learn, and TensorFlow.

GRADUATION PROJECT

AiVUKAT – AI-Powered Legal Assistant Project

- Designed and developed an AI-driven legal assistant platform combining retrieval-augmented generation (RAG) techniques and custom-trained language models.
 - Built a full-stack architecture using Spring Boot (backend) and React (frontend), integrating vector databases (Pinecone) and LangChain for semantic search and document analysis.
 - Implemented authentication, file management, and subscription-based payment systems.
 - Deployed the solution on AWS infrastructure, ensuring scalability, security, and performance optimization.
 - www.aivukat.com
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ACHIEVEMENTS

Top 3 Debuting Startups at 3rd Technopark İzmir Emerging Technology Awards 2020

Co-Founder and Team Member, HEY Charger

- Recognized as one of the top three debuting startups at the prestigious Technopark İzmir Emerging Technology Awards, highlighting innovation and entrepreneurial skills within the emerging technology sector.
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ACADEMIC HONORS

High Honor Certificates:

- **Spring Semester** **2021-2022**
- **Fall Semester** **2021-2022**
- **Spring Semester** **2020-2021**
- **Fall Semester** **2023-2024**
- **Spring Semester** **2023-2024**
 - Achieved a High Honor Certificate for maintaining a GPA over 3.5 throughout the semesters, reflecting exceptional academic performance.

Honor Certificates:

- **Fall Semester** **2020-2021**
 - **Fall Semester** **2022-2023**
 - **Spring Semester** **2022-2023**
 - Achieved a High Honor Certificate for maintaining a GPA over 3.0 throughout the semesters, reflecting exceptional academic performance.
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CERTIFICATIONS AND COURSES

- **Version Control with Git and GitHub**
 - BTK Academy
- **Backend Web Development Pathway with Advanced Java**
- **Backend Web Development Pathway with Beginner Java**
 - Patika.dev
- **AI Summer Camp**
- **Introduction to Machine Learning**
- **Python for Machine Learning**
- **Introduction to Python**
- **Introduction to Artificial Intelligence**
 - Global AI Hub
- **Supervised Machine Learning Specialization: Regression and Classification**
 - Coursera
- **Techno-entrepreneurship Academy Certificate of Participation**
 - Technopark İzmir
- **Fundamentals of Digital Marketing**
 - Google