

# Mehmet Aktay

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## EDUCATION

### Yeditepe University

Istanbul, Turkey

*Bachelor of Science in Computer Science and Engineering (Grad. 2024) (English) (Full Scholarship)*

*Jun. 2024*

## EXPERIENCE

### Software Engineer

Sep. 2023 – Present

*E-danex Digital Solutions*

*Istanbul, Turkey*

- Contributed over 15,000 lines of code to an established codebase via Git, enhancing application performance and stability.
- Developing an AI influencer and persona creation web application with a dashboard and CMS using Next.js, React, Tailwind CSS, Drizzle ORM, and PostgreSQL.
- Contributed to the backend using Python Flask by creating API endpoints and custom data for a customized GAN to generate AI images and videos.
- Developed a payment and wallet plugin compatible with Stripe, increasing company revenue by 35% and serving over 50,000 users.
- Implemented and developed an plugin for WordPress KYC system using Stripe, enhancing user verification processes and ensuring compliance with financial regulations.
- Built a full-stack e-commerce web application with a dashboard and CMS using Next.js, React, Tailwind CSS, Prisma, and MySQL, improving customer shopping experience.
- Created a notification plugin for WordPress with dashboard management compatible with CronJob, ensuring timely alerts for users across various platforms.
- Developed a "Reviewer Finder" plugin for the OJS system via REST API and ORCID, adopted by approximately 200 websites, streamlining the peer review process for academic journals.

### Software Developer Intern

June 2023 – Aug. 2023

*DetaySoft*

*Istanbul, Turkey*

- Collaborated with a team of developers, participating in code reviews and collaborative problem-solving sessions.
- Created detailed documentation for developed code and implemented solutions.
- Learned and applied industry best practices for C++ development, including coding standards, version control, and software testing methodologies.

## CERTIFICATES

### The Complete Web Development Bootcamp

Jan. 2023 – Mar. 2023

*London App Brewery*

*61.5 Hours*

- Covered full-stack development including HTML, CSS, JavaScript, Node.js, React, PostgreSQL, Web3, and DApps.
- Certificate: [View Certificate](#)

### C and C++ Programming

Jan. 2022 – Jan. 2023

*Udemy*

*43.5 Hours*

- Mastered fundamentals of C and C++ programming and Object-Oriented Programming concepts.
- Certificate: [View Certificate](#)

## TECHNICAL SKILLS

**Programming Languages:** Python, PHP, Golang, C, C++, JavaScript, TypeScript, SQL, HTML, CSS

**Frameworks & Libraries:** React, Node.js, Next.js, Tailwind CSS, WordPress, OJS, WebRTC, pandas, NumPy, Matplotlib, EasyOCR, Keras, OpenCV, GTK, jQuery, Axios, Gin, Composer

**Tools & Platforms:** Git, GitHub, GitLab, AWS, JIRA, VS Code, Visual Studio, Android Studio, PyCharm, Eclipse, MATLAB

## LANGUAGE SKILLS

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**Turkish:** Native

**English:** Fluent

## LEADERSHIP & EXTRACURRICULAR ACTIVITIES

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### **Founding Member, Finance Club**

Sep. 2022 – Sep. 2023

*Yeditepe University*

*Istanbul, Turkey*

- Led and organized events and training sessions on finance and blockchain technologies for over 150 club members.
- Coordinated visits to major banks and hosted investor talks, enhancing members' understanding of real-world finance.
- Organized a "50,000 TL Virtual Stock Market Competition" to engage students in practical financial skills.
- Led earthquake relief efforts during the February 2023 Kahramanmaraş earthquake, demonstrating strong commitment to social responsibility.

### **Participant, Work & Travel USA J1 Summer Program**

Jun. 2022 – Oct. 2022

*Pigeon Forge, Tennessee, USA*

- Adapted to new cultures and environments while working and living abroad, enhancing intercultural communication skills.
- Collaborated with multicultural teams, maintaining strong connections post-program.
- Demonstrated adaptability in dynamic work settings, contributing to various events and promotions.