

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

Turkish: Native

English: Fluent

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Founding Member, Finance Club

Sep. 2022 – Present

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.