

Yavuz Selim Aktas

Muratpaşa, Antalya 07010 • aktasyavuzselim07@gmail.com • linkedin.com/in/yavuz-selim-aktas • +905519881609 • yavuz.codes • github/YavuzSelimAktas • github/yavuzsaktas

Education

Selçuk University

Computer Engineering 4th Year, 3.02 GPA

Selçuklu, Konya

Academic Years: 2022-Present

Experience

EFT Bilişim

Data Science Intern

- Extracted and processed large datasets from hospital databases using MySQL.
- Performed data cleaning and reorganization on raw data to prepare it for analysis.
- Wrote fundamental SQL queries to generate meaningful reports and insights.

Muratpaşa, Antalya

Mar 2023-May 2023

Topaylar Home

Web Development Intern

- Developed a PHP-based dynamic website for a company in the glassware sector.
- Implemented product addition, listing, and advanced filtering functions.
- Established MySQL database connections and designed a user-friendly UI.

Muratpaşa, Antalya

Sep 2024-Oct 2024

Bilnex Software

Mobile Application Development Intern

- Developed a user-friendly mobile application using Flutter and Dart technologies.
- Actively used the GetX library for efficient state management.
- Managed data flow by successfully integrating RESTful APIs via the Dio library.
- Integrated barcode scanning functionality by leveraging device hardware features.

Muratpaşa, Antalya

Jun 2025-Aug 2025

Eticsoft

Full-Stack Development Intern

- Developed a 3D Secure-supported payment orchestration platform using Laravel 12 and React 19.
- Contributed to an institutional fixed income platform using NestJS 11, Socket.io, and PostgreSQL.
- Implemented matching engines and order management APIs with Next.js 16 components.
- Built core payment screens and integrated REST APIs for the React Native app, Paythor Mobile.
- Created a complete Magento 2 payment gateway with a full API layer and Knockout.js checkout.
- Implemented async handlers, secure webhooks, and a Vue.js admin panel for Shopware 6.

Antalya, Turkey

Feb 2026-Present

Projects

Fakenex

Muratpaşa, Antalya

Mobile Sales and Stock Management App

Jul 2025-Aug 2025

- Developed a cross-platform ERP management mobile application using the Flutter framework.
- Established centralized state management via Provider and synchronized live data using RESTful APIs.
- Enhanced UX by integrating reusable widgets, dynamic form validation, and local storage.

Skin Cancer Diagnosis and Classification System

Selçuklu, Konya

Graduation Project

Mar 2025-Jan 2026

- Developed a deep learning model for classifying skin lesions using the HAM10000 dataset.
- Applied image processing techniques for data preprocessing to optimize accuracy.
- Designed a user-friendly interface to present model outputs and reports to end-users.

IDBX — Institutional Fixed Income Trading Platform

Antalya, Turkey

Full-Stack Project @ Eticsoft

Feb 2026-Mar 2026

- Built full-stack trading platform with NestJS 11 and Next.js 16 + TypeScript; deployed to Linux servers and collaborated via GitHub (pull requests, commits, code reviews).
- Integrated TimescaleDB for time-series financial data, implemented real-time WebSocket communication, and added server-side pagination for trade and order listings.
- Developed a fake live market feed to simulate real-time price movements for chart visualization; managed PostgreSQL custom fields and administered the database using Adminer.
- Contributed to architecture document reviews and aligned implementation with system design specifications.

Paythor Mobile

Antalya, Turkey

Mobile Project @ Eticsoft

Mar 2026-Apr 2026

- Developed core payment listing and POS flow screens using React Native, Expo, and TypeScript.
- Integrated PaymentService and a shared HTTP client for robust REST API communication.
- Optimized UI consistency and handled edge cases such as empty states and API errors.

SanalPosPro — Magento 2 Payment Gateway Module

Antalya, Turkey

Full-Stack Module Project @ Eticsoft

Apr 2026-May 2026

- Adapted SanalPosPro payment APIs to the Magento 2 environment using PHP, Magento 2, and Knockout.js; implemented authorize, capture, refund, and void flows via the gateway layer.
- Developed the admin account linking panel and an iframe-based checkout interface.

SanalPosPro — Shopware 6 Payment Plugin

Antalya, Turkey

Full-Stack Plugin Project @ Eticsoft

May 2026-Present

- Adapted SanalPosPro payment APIs to the Shopware 6 environment using PHP, Shopware 6, and Twig; implemented async payment flow and webhook integration.
- Developed the PayThor account management admin panel and an iframe-based storefront payment interface using Vue.js.

Skills

Programming Languages: TypeScript, Dart, PHP, Python

Backend & E-Commerce: NestJS, Laravel, Magento 2, Shopware 6

Frontend & Mobile: React, Next.js, Vue.js, Knockout.js, Flutter, React Native, Expo

Databases & Other: PostgreSQL, MySQL, Prisma, Socket.io

Language: English (B1 Level)