

Yavuz Selim Aktas

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About Me

Computer Engineering graduate from Selçuk University. I have built full-stack applications, both during my internships and in my own projects, using **React** and **Next.js** on the frontend, **NestJS** with **TypeScript** on the backend, and **PostgreSQL** as the database. In my most recent internship, I also worked with **PHP** on both the frontend and backend, developing payment plugins for Magento 2 and Shopware 6. I am eager to keep improving myself as a full-stack developer and to take on new responsibilities.

Education

Selçuk University

B.Sc. in Computer Engineering, Graduated, 3.21 GPA

Selçuklu, Konya

2022-2026

Experience

Etisoft

Antalya, Turkey

Full-Stack Development Intern

Feb 2026-Jun 2026

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

Bilnex Software

Muratpaşa, Antalya

Mobile Application Development Intern

Jun 2025-Aug 2025

- 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.

Topaylar Home

Muratpaşa, Antalya

Web Development Intern

Sep 2024-Oct 2024

- 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.

EFT Bilişim

Muratpaşa, Antalya

Data Science Intern

Mar 2023-May 2023

- 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.

Projects

MarinersBook — Cross-Platform Social Network for Maritime Professionals Muratpaşa, Antalya
Full-Stack Web & Mobile Project Jul 2026-Sep 2026

- Built a social network and job board for maritime professionals, available on both web and mobile.
- Developed the web app with Next.js 16, React 19, and TypeScript, and the mobile app with React Native (Expo) and NativeWind.
- Implemented shared features across platforms: feed, job postings, messaging, notifications, and digital CV profiles, backed by Supabase.

SanalPosPro — Shopware 6 Payment Plugin Antalya, Turkey
Full-Stack Plugin Project @ Eticsoft May 2026-Jun 2026

- Adapted SanalPosPro payment APIs to Shopware 6 with PHP and Twig, including async payments and web-hooks.
- Built the PayThor account management admin panel and iframe-based storefront payment UI with Vue.js.

SanalPosPro — Magento 2 Payment Gateway Module Antalya, Turkey
Full-Stack Module Project @ Eticsoft Apr 2026-May 2026

- Adapted SanalPosPro payment APIs to Magento 2 with PHP, including authorize, capture, refund, and void.
- Developed the admin account linking panel and an iframe-based checkout interface with Knockout.js.

Paythor Mobile Antalya, Turkey
Mobile Project @ Eticsoft Mar 2026-Apr 2026

- Developed payment listing and POS flow screens using React Native, Expo, and TypeScript.
- Integrated REST APIs via PaymentService and handled edge cases such as empty states and API errors.

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.

Skin Cancer Diagnosis and Classification System Selçuklu, Konya
Graduation Project Mar 2025-Jan 2026

- Developed a deep learning model classifying skin lesions on the HAM10000 dataset with image preprocessing.
- Designed a user-friendly interface to present model outputs and reports to end-users.

Fakenex Muratpaşa, Antalya
Mobile Sales and Stock Management App Jul 2025-Aug 2025

- Developed a cross-platform ERP mobile application with Flutter, using Provider for state management.
- Synchronized live data via RESTful APIs and added dynamic form validation and local storage.

Skills

Frontend: React, Next.js, PHP

Mobile: React Native, Flutter

Backend: NestJS, Laravel

Database: PostgreSQL

Tools: Git/GitHub, REST APIs, WebSocket (Socket.io)

Foreign Language: English (B1 Level)