



# Hüsnüye Tanşa

As a software developer with a degree in Computer Engineering, I am always open to improvement thanks to my interest in technology and passion for learning. I adapt quickly to new systems and am competent in producing creative and practical solutions. I see research and learning new technologies as a source of motivation; I can offer effective solutions by analyzing the problems I encounter in a short time. I act with a strong sense of responsibility to quickly fix bugs, contribute to coding processes and add value to teamwork.



## Education

### Bachelors Degree Computer Engineering

*Istanbul University Cerrahpasa*

2017 - 2023

During my studies, I explored multiple areas such as full-stack development, mobile, IoT, cybersecurity and image processing to better understand my strengths and interests within Computer Engineering. I actively engaged in both academic coursework and extracurricular activities.



## Experience

### Software Engineer

*MAP Data Services*

- Built and maintained data-intensive B2B systems using PHP(Laravel, Zend Framework, custom in-house framework), React.js and MySQL, applying clean code, SOLID, OOP and modular architecture.
- Developed core business solutions: SRM, Supplier Performance Evaluation, 8D Quality Management, LLS, and Warranty Return with KPI algorithms, Validation flows and dynamic dashboards.
- Implemented RESTful APIs and an independent Laravel-based integration service with secure endpoint design, exception handling and cron-based scheduling.
- Delivered PDF order parsing & data cleaning systems using Python + PHP to normalize and validate inbound data.
- Enabled API-based automatic video transfer between video servers; built related webhook/automation flows.
- Boosted performance with Redis caching for dashboards and high-traffic queries; optimized MySQL schemas, indexes, and complex SQL operations.
- Built XML/EDI/VDA conversion and FTP/BizLink/SFTP automation pipelines, and implemented TCPDF-based barcoded label generation with RabbitMQ-supported background processing.
- Refactored legacy procedural code into class-based, testable OOP modules with dependency injection; ensured PHP 5.6-8.3 compatibility during migrations.
- Established centralized logging, automated log reporting and production error management for Linux services; defined test scenarios and control mechanisms.
- Managed multi-tier environments (dev/qa/demo/live) and contributed to CI/CD, release validation and deployment workflows.
- Produced technical documentation (API specs, data models, auth guides, release reports) and supported project tracking, risk management and PO-team coordination.
- Contributed to C++ development for data conversion tools and supported build/deployment workflows.
- Handled IP & domain routing configurations for secure server access; implemented SEO-friendly URL rules with .htaccess, Google Tag Manager and Facebook Pixel integrations.

### Full Stack Engineer Junior

*Digital Trade INC.*

- Worked on a live e-commerce platform with Laravel, PHP, MySQL, HTML/CSS, Bootstrap and AJAX.
- Implemented a secure payment flow and an admin panel for product/order/user management.
- Integrated a pass panel for ticket/barcode tracking and added a blog module to support user communication and engagement.

## Contact

+90-537-472-9681

tnshusniyegmail.com

İstanbul, Türkiye

## Skills

- Programming Languages Creativity
  - C++, PHP (OOP), Java, JavaScript (ES6+), Python
- Web Technologies & Frameworks
  - React.js, HTML5, CSS3, Bootstrap, jQuery, Ajax, RESTful APIs, CDN-based frontend integration, JSON
- Backend & Server-Side
  - PHP (custom MVC, service layers), Laravel (helper-based structure), Node.js (basic usage), Redis (caching & data store)
- Database Technologies
  - MySQL, PostgreSQL, Microsoft SQL Server, SQL (advanced queries, optimization, view management), Stored Procedures & Triggers
- Tools & Platforms
  - Visual Studio, VSCode, Git & GitHub, FileZilla, Postman, Gantt Chart tools, npm
- Development & Integration Skills
  - Frontend-backend integration (React with both legacy and actively maintained PHP-based systems)
  - Iterative development with customer-driven feedback loops
  - API consumption & custom helper modules in Laravel
  - Data parsing & transformation (multi-format: CSV, Excel, EDI, VDA, PDF)
  - Modular dashboard development with full-stack (frontend-backend) implementation and process tracking
  - OOP transformation of legacy code refactoring
  - Cross-platform deployment (Windows/Linux environments)
  - End-to-end software module development (requirements analysis, database modeling, backend/frontend implementation, deployment)
  - Project planning & milestone tracking with Gantt charts

07/2022 – Present

12/2021 – 06/2022

# Profile Links

- <https://www.linkedin.com/in/husniye-tansa/>
- <https://github.com/htl625>

# Puzzle Languages

- English
  - Intermediate (confident reading, writing & communication)

## Frontend & Backend Developer

TGS Elektronik Ltd. Şti.

- Contributed to the development of an e-commerce platform for vehicle parts (batteries, wheels, tires).
- Built responsive and interactive UI features using HTML, Bootstrap, JavaScript and AJAX.
- Supported backend development with PHP and MSSQL, contributing to core product and shopping flows.

## IDS Project Developer

ISTECENTER

Deployed SCADA honeypots on Google Cloud to capture active exploits, analyzed attack traffic on Ubuntu systems, and developed IDS rules published on ISTEC's GitHub with comprehensive security reports.

## iÜC IEEE CS-Web Team

iÜC IEEE Student Branch

Built a dictionary-style web platform similar to Ekşi Sözlük/Urban Dictionary within the university club.

Used CodeIgniter (MVC) + MySQL for backend and HTML/CSS/Bootstrap + JavaScript/Ajax for a responsive, interactive UI.