Arda Karaduman

Full-Stack Developer | AI Enthusiast

undefined Tokyo, Japan
Email: me@arda.karaduman.web.tr
arda.karaduman.web.tr: arda.karaduman.web.tr

About Me

Highly motivated and results-oriented Full-Stack Developer with a strong passion for AI and machine learning. Proven ability to design, develop, and deploy robust web applications and intelligent systems. Eager to contribute to innovative projects and continuously expand technical expertise.

I thrive in collaborative environments and am adept at bridging the gap between complex technical challenges and user-friendly solutions. My goal is to leverage cutting-edge technologies to create impactful and meaningful software.

Languages
English (Fluent), Turkish (Native), Japanese (Conversational - N3)

Work Experience

Senior Software Engineer
Tech Solutions Inc.
Jan 2022 - Present
- Led the development of a new AI-powered analytics platform.
- Designed and implemented scalable microservices.
- Mentored junior developers and conducted code reviews.

Software Developer
Innovatech Ltd.
Jun 2019 - Dec 2021
- Developed and maintained features for a large-scale e-commerce application.
- Collaborated with cross-functional teams to deliver high-quality software.
- Participated in the full software development lifecycle.

Junior Developer
Web Wizards Co.
Jul 2018 - May 2019
- Assisted in the development of client websites using modern web technologies.
- Contributed to front-end and back-end development tasks.
- Gained experience with version control systems and agile methodologies.

Education

Master of Science in Computer Science
University of Advanced Technology
Sep 2016 - May 2018
Focused on Machine Learning and Artificial Intelligence. Thesis on Natural Language Processing.
Graduated with Honors, GPA: 3.9/4.0

Bachelor of Science in Software Engineering
State Engineering College
Sep 2012 - Jun 2016
Comprehensive curriculum covering software development principles, data structures, and algorithms.
Dean's List 2015, 2016

Skills

Technical Skills
- JavaScript/TypeScript - Advanced
- React & Next.js - Advanced
- Python (Django, Flask) - Proficient
- Node.js (Express) - Proficient
- SQL & NoSQL Databases (PostgreSQL, MongoDB) - Proficient
- Docker & Kubernetes - Intermediate
- AWS & GCP - Intermediate

Preferred Tech Stack
React, Next.js, TypeScript, Python, Node.js, PostgreSQL, Docker

Soft Skills
Problem Solving, Team Collaboration, Communication, Adaptability, Critical Thinking, Time Management

Projects

AI-Powered Recommendation Engine
Python, TensorFlow, Scikit-learn, Flask, React

Developed a personalized recommendation system for an e-commerce platform, increasing user engagement by 25%.

Real-time Collaborative Whiteboard
Node.js, WebSocket, React, Canvas API

Built a web-based collaborative whiteboard application allowing multiple users to draw and share ideas in real-time.

Serverless Data Processing Pipeline
AWS Lambda, S3, API Gateway, DynamoDB, Python

Designed and implemented a serverless pipeline for ingesting and processing large volumes of IoT data.

Portfolio Website (This Project)
React, TypeScript, Vite, Tailwind CSS, Node.js, PDFKit

A multilingual, SSR-enabled portfolio website with dynamic PDF resume generation.