UMUT KARAKULAK

Software Engineer

About Me

Someone who is passionate about experimenting with innovative, state of the art technologies.

A full-stack developer with a background in machine learning. Currently, I work as a hands-on tech lead for a global team in Japan.

My responsibilities cover everything from recruitment and mentorship to system architecture, infrastructure and ensuring the reliability of our AI products.

Tokyo, Japan

SOCIALS

https://umu.to

hi@umu.to

github.com/umutto

stackoverflow.com/u/826970

linkedin.com/in/umutto/

LANGUAGES

- Turkish (Native)
- English (Professional)
- Japanese (Professional)

EXPERIENCE

Wevnal Co.,Ltd
Tokyo, Japan

2025 - Present (Engineering Manager - BOTCHAN AI)

Directly managed 10+ engineers in a flat organization, supporting growth through regular 1-on-1s, mentorship, and feedback. Recruited, interviewed and evaluated engineers, established team rules and practices, and collaborated closely with business stakeholders while promoting AI-driven development.

2025 - Present (Tech Lead - Botchan AICALL)

Technical lead for Botchan AICALL, a call-based AI agent built using the OpenAI Realtime API. Active development from 0->1 phase, including system design, hands-on implementation, and code reviews. Established coding standards, development environments, and DevOps practices, while overseeing security, reliability, and observability.

2024 - Present (Tech Lead - Botchan AICALL)

Technical lead for Botchan AI, a RAG-based chatbot. Owned system architecture and infrastructure, reduced technical debt, and led hands-on development, requirement definition, and code reviews. Acted as the primary technical contact for business teams and customers, overseeing security, incident response, reliability, and observability.

DUNKSOFT Co.,Ltd
Tokyo, Japan

2020 - 2024 (Full-stack Engineer)

Development lead and management of WeARee! a community creation platform for everyone. Association from ideation to 0→1 product creation, with hands-on development, product decisions, and direct customer communication.

2017 - 2020 (Data Scientist)

Research, analysis, and preparation of in-house machine learning models and API's on a variety of problem domains.

Freelance
Istanbul, Turkey

2007 - 2010
.NET framework development for wide variety of companies including Microsoft.

INTERNSHIPS

obase
Istanbul, Turkey

Aug 2015 - Nov 2015 (Internship)
Played an active role on development for an ERP project for a large e-commerce company.

DUNKSOFT Co.,Ltd
Tokyo, Japan

Sept 2011 - Nov 2011 (Internship)
Development of an innovative conferencing tool using Microsoft Kinect for pose estimation and speech analysis.

EDUCATION

Yeditepe University (Istanbul, Turkey)

Feb 2016, Bachelor's degree in Computer Science Engineering

AWARDS

VS（Valuable Sugee Award）

Issued by Wevnal Co.,Ltd - Sept 2025

Tokyo Public Transportation Open Data Challenge INIAD special innovation award

Issued by Tokyo ODPT, INIAD - Dec 2019

Imagine Cup 2009 World Finalist

Issued by Microsoft · Jul 2009

EXPERTISE

- Javascript
- Typescript
- Node.js
- NestJS
- Next.js
- React
- tRPC
- HTML / CSS
- Tailwind CSS
- SQL
- MongoDB

- Python
- FastAPI
- NumPy
- Pandas
- Tensorflow
- RAG
- LLMs
- NLP
- Computer Vision
- Machine Learning
- AR / VR

- Git
- Linux
- Docker
- Azure
- AWS
- Vercel
- NewRelic
- Sentry
- WorkOS
- Twilio
- GTM

- Infrastructure
- System Design
- DevOps
- Mentorship
- Management
- Recruitment
- Notion
- Jira
- PagerDuty
- Claude Code
- Devin