



# 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](mailto:hi@umu.to)



[github.com/umutto](https://github.com/umutto)



[stackoverflow.com/u/826970](https://stackoverflow.com/u/826970)



[linkedin.com/in/umutto/](https://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 AI)

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