

Mete ARSLAN

Full-stack Developer

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Ankara, Çankaya, Turkey

Full-stack software engineer with 4 years of experience developing and integrating military intelligence web applications for NATO projects. Worked across frontend and backend development, complex search interfaces, data visualization, and geospatial data processing. I have experience with cloud technologies and hold the **AWS Certified Cloud Practitioner** certification. Actively use AI-assisted coding tools in software development workflows.

Work Experience

Expert Software Engineer August 2025 – Present

Software Engineer August 2022 – August 2025

STM (Defence Technologies and Engineering) | *Ankara*

Contributed to developing and integrating different military intelligence modules in the **INTELFS-2** project. Built frontend interfaces using **Angular** and **Syncfusion**. Managed state in complex search applications using **NgRx** and handled API requests and asynchronous operations with **RxJS**. Managed a multi-application monorepo with **Nx** and used **Sass** and **Tailwind CSS** for styling.
Created graph and network visualizations with **Chart.js** and **Linkurious Ogma**; carried out geographic queries for map-based applications using **PostGIS** and worked on 3D visualizations using **Three.js**.
On the backend, worked with **ASP.NET** and a **Clean Architecture** approach. Used **OData**, **PostgreSQL** and **Entity Framework Core (EF Core)** for storing, querying, and managing application data, with **LINQ** for data access.
Developed unit tests using **Jest** and worked with **Docker** in containerized development and CI/CD workflows. Actively used **Claude** for code analysis, debugging, code review, and test development.

Software Engineering Intern October 2021 – January 2022

HAVELSAN | *Ankara*

Add-on Development for the Liman CMS Project – Built custom modules and add-ons using **Laravel** for backend logic, **Vue** with **Vuetify** for responsive frontend interfaces, and **Python** for scripting and system-level integrations.

Software Engineering Intern July 2021 – September 2021
FS Software | İzmir

Developed a cloud-based product and documentation tracking system using **Azure Cloud** and **ASP.NET** for the backend. Built responsive, user-friendly frontend interfaces using **JavaScript**, **Bootstrap**, **CSS**, and **HTML**.

Technical Skills

Frontend: Angular, NgRx, Nx, RxJS, Syncfusion, JavaScript, Tailwind CSS, Sass, Jest, Shadcn/ui, Vue, React, Astro, Bootstrap, HTML, CSS
Backend: ASP.NET, OData, Entity Framework Core (EF Core), LINQ, Laravel, Python
Databases: PostgreSQL, PostGIS, MongoDB
Cloud & DevOps: AWS, Azure Cloud, Docker, CI/CD
Data Visualization: Chart.js, Linkurious Ogma, Three.js
AI-Assisted Coding Agents: Claude, ChatGPT

Projects

https://github.com/White-Hare?tab=repositories

Education

Gazi University September 2023 – August 2026
Master's Degree in Computer Engineering
GPA: 4.00/4.00
Master's Thesis: Resolution Enhancement of Multispectral Satellite Images And Land Classification **(YÖK National Thesis Center Thesis No.:** 1037575**)**

Gazi University October 2018 – June 2022
Bachelor's Degree in Computer Engineering
GPA: 3.51/4.00

Languages

English (C1)

Certificates

AWS Certified Cloud Practitioner November 2026
Amazon Web Services (AWS)
YDS (Foreign Language Proficiency Exam): 86.25/100 November 2025
ÖSYM
ALES (Turkish Graduate Entrance Exam, Quantitative): 85/100 April 2023
ÖSYM

Publications

- Arslan, M., & Çetin, A. (2026). Satellite image resolution enhancement and object detection. In A. Al & V. Makhzoum (Eds.), *International Cairo Congress on Scientific Research and Innovation: The Proceedings Book* (pp. 270-277). Liberty Academic Publishers.

Additional

- Interested in game development and artificial intelligence; I primarily use **Unity** for game development and **PyTorch** for AI and machine learning projects.
- Experienced with AI-assisted development tools; actively use **ChatGPT**, **Claude** and **Builder.io** platforms.
- Have experience working with modern frameworks and cross-platform technologies, including **React**, **Astro**, **Svelte** and **Flutter**.