

# Mohammed Geabel

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github.com/mo-geabel

## EDUCATION

### Sakarya University

B.Sc. in Information Systems Engineering — GPA: 3.38/4.0

Sakarya, Turkey

Expected June 2027

Relevant Coursework: Data Structures, Algorithms, OOP, Database Systems, Operating Systems, Software Engineering

## EXPERIENCE

### Software Developer, Articode

Sep 2026 – Present

- Building and shipping features across the product as a full-stack developer

### Software Intern, SafeSpeech Yazılım

Kocaeli · Jul 2026 – Sep 2026

- Built AttendiQ, a full-stack multi-tenant SaaS attendance and event-management platform with a companion React Native/Expo mobile app, covering QR-based check-ins, role-based access, and RevenueCat-powered subscription billing

### Team Lead, Base:41 Hackathon

Kocaeli · 2026

- Led a team to build SAÜ Vision, a campus management platform with AI reservations, CV-based attendance, and QR verification, built from scratch in 48 hours
- Integrated Gemini, NovaVision AI, and puq.ai into a working system; placed top 5 of 17 teams

## PROJECTS

**AttendiQ — Multi-Tenant SaaS Attendance & Event Platform** — *Next.js, TypeScript, Expo, React Native, PostgreSQL, Drizzle ORM, RevenueCat*

- Built a multi-tenant SaaS platform with role-based access across SaaS Admin, Institution Admin, Teacher, and Student tiers
- Engineered HMAC-SHA256 signed, time-rotating QR codes for attendance and event ticketing, with GPS geofencing to verify physical presence
- Integrated RevenueCat for tiered in-app subscription billing (Free/Basic/Pro/Enterprise), enforced via secure webhook verification at the API level

**Second-Hand Marketplace (C2C)** — *ASP.NET Core 8.0, SQL Server, Bootstrap*

GitHub

- Built a full-stack C2C platform with secure Escrow Payment, supporting 50+ listings across multiple transaction flows
- Applied Clean Architecture and Repository Pattern across 5+ service layers; integrated real-time cargo tracking API

**Faculty of Medicine Portal** — *React.js, Node.js, MongoDB*

Live Demo · GitHub

- Built a full-stack portal for 3 data domains across a 5+ page React frontend with admin CMS and a RESTful API for non-technical staff

**ForeSpark AI — Wildfire Hazard Assessment Platform** — *Satellite Imagery, Geospatial Analysis, AI/ML*

Live Demo

- Builds on TÜBİTAK-funded research applying deep learning to spatial weather data and satellite imagery for wildfire risk prediction

## TECHNICAL SKILLS

**Languages** Python, C#, JavaScript, TypeScript, C++, SQL

**Frameworks** ASP.NET Core (MVC, Web API), React.js, Next.js, Node.js, React Native/Expo

**AI & ML** Scikit-learn, Keras, Pandas, NumPy, Matplotlib, Jupyter Notebook

**Databases** MS SQL Server, PostgreSQL, MySQL, MongoDB, Drizzle ORM

**Tools** Git, Linux, Docker, Postman, RESTful APIs

**Spoken** Arabic (Native), English (C1), Turkish (C1), German (A2)

## RESEARCH

**TÜBİTAK 2209-A — University Students Research Projects Support Program**

2025/1 · Funded

- Project Lead/Partner on “Regional Wildfire Risk Prediction via Deep Learning-Based Spatial Weighting”, awarded national funding

## CERTIFICATIONS

**Machine Learning Specialization — DeepLearning.AI & Stanford University**

2026

**Artificial Intelligence Program – Basic Education Certificate**

Turkey · 2026

**The Complete Web Development Bootcamp — Udemy**

2025