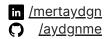
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MERT AYDOGAN



EDUCATION

Ștefan cel Mare University of Suceava

Sep 2025 - Present

Master of Science in Computer Science and Engineering

• Focus Areas: Advanced Software Engineering, Distributed Systems, Cloud & Edge Computing, Data Science, Modern Programming Paradigms

Ștefan cel Mare University of Suceava

Oct 2021 - Jul 2025

Bachelor of Science (BSc) in Computer Science

 Relevant Coursework: Software Engineering, Databases, Operating Systems, Artificial Intelligence, Mobile Development (iOS & Android), Web Development, Algorithms & Data Structures, Computer Networks, Cloud Computing, Probability & Statistics

WORK EXPERIENCE

Software Engineering Intern | Assist Tech Challenge (Assist Software)

Suceava, Romania | Feb 2024 - Mar 2024

- Designed and implemented the authentication middleware for SkillMatch, covering user, token (access/refresh), and password operations with env-based secrets and CORS controls to keep sessions secure and configurable.
- Built a TypeScript Node.js service with local dev tooling (nodemon, tsconfig) and environment-driven DB connectivity; documented "run locally" steps and required variables for teammates.
- Added CI with Azure Pipelines (YAML) to standardize install/build steps and keep the service ready for integration during the
 program.
- Delivered a functional middleware layer that coordinated upstream modules ("master middleware") and supported scalable API communication under tight hackathon timelines.

QA Engineering Intern | Assist Tech Challenge (Assist Software)

Suceava, Romania | Feb 2023 - Mar 2023

- Contributed as QA engineer to Fillify, a hackathon project focused on smart form filling and automation.
- · Designed and executed test cases for form workflows, validating user input, error handling, and data submission.
- · Reported and tracked issues in collaboration with the development team, ensuring timely fixes during the hackathon sprint.
- Verified UI/UX consistency, checking layouts, accessibility, and responsiveness across different scenarios.
- Produced QA documentation with test reports to support future iterations of the application.

Full-Stack Web Developer | Wind Medya

Istanbul, Türkiye | Seb 2018 - Jun 2019

- Assisted in developing and maintaining company and client websites using WordPress.
- Customized **themes and plugins** to meet project requirements.
- Supported the team with front-end tasks (HTML, CSS, JavaScript edits).
- Tested websites for errors and bugs, reporting issues to senior developers.
- Assisted in website hosting and domain setup when needed.

PROJECTS

UniSync Bachelor's Thesis Project | https://github.com/aydgnme/uniSync-app

Mar 2025 - Jun 2025

- Designed and developed UniSync, a mobile-first platform for students to access schedules, assignments, announcements, and grades in a unified environment.
- Built a React Native (Expo) application with role-based authentication, personalized dashboards, and support for offline data storage.
- Implemented a Fastify + TypeScript backend connected to Supabase/PostgreSQL, enabling JWT-based authentication, schedule filtering by faculty/group, and secure role-based access.
- Created a relational database schema with tables for users, students, courses, schedules, assignments, announcements, and grades, including row-level security policies.
- Integrated Supabase Storage for assignment uploads and JWT sessions for mobile login flows.
- Documented the system in the **bachelor's thesis**, including **ER diagrams**, **API endpoints**, and **mobile UI wireframes**.

CERTIFICATES

Meta Front-End Developer Specialization — Coursera (Nov 2022) · HTML, CSS, JavaScript, React, UX/UI Design

Nov 2022

TECHNICAL SKILLS

Paradigms & Methodologies:

Languages: Swift, Objective-C, Kotlin, Java, TypeScript, JavaScript, Python, C#, C, C++, SQL, HTML/CSS

Database & Backend Platforms: Firebase, Supabase, PostgreSQL, MongoDB

Tools & DevOps: Git, Docker, Azure Pipelines, GitHub Actions, Bitrise, Xcode, Android Studio, VS Code, CocoaPods

Frameworks & Libraries: SwiftUI, UIKit, React Native (Expo), React.js, FastAPI, Django REST, Node.js

Concepts & Practices: REST API Development, Authentication & Authorization (JWT, OAuth), Database Design (Relational & NoSQL), Cloud Computing, CI/CD, Debugging & Troubleshooting, QA Testing, LII/LIX Design

& NoSQL), Cloud Computing, CI/CD, Debugging & Troubleshooting, QA Testing, UI/UX Design Object-Oriented Programming (OOP), Hybrid Mobile Development (iOS & Android), MVVM, Clean

Architecture, Agile & Scrum

Spoken and Written Languages: Romanian (fluent), Turkish (native), English (B1 – improving)