

## 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

<b>Languages:</b>	Swift, Objective-C, Kotlin, Java, TypeScript, JavaScript, Python, C#, C, C++, SQL, HTML/CSS
<b>Database &amp; Backend Platforms:</b>	Firebase, Supabase, PostgreSQL, MongoDB
<b>Tools &amp; DevOps:</b>	Git, Docker, Azure Pipelines, GitHub Actions, Bitrise, Xcode, Android Studio, VS Code, CocoaPods
<b>Frameworks &amp; Libraries:</b>	SwiftUI, UIKit, React Native (Expo), React.js, FastAPI, Django REST, Node.js
<b>Concepts &amp; Practices:</b>	REST API Development, Authentication & Authorization (JWT, OAuth), Database Design (Relational & NoSQL), Cloud Computing, CI/CD, Debugging & Troubleshooting, QA Testing, UI/UX Design
<b>Paradigms &amp; Methodologies:</b>	Object-Oriented Programming (OOP), Hybrid Mobile Development (iOS & Android), MVVM, Clean Architecture, Agile & Scrum
<b>Spoken and Written Languages:</b>	Romanian (fluent), Turkish (native), English (B1 – improving)