

Nurgül Elmalı

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PROFESSIONAL SUMMARY

Junior Full Stack Developer with a degree in Software Engineering from Firat University, possessing practical experience in mobile (React Native) and web (C#/.NET) development. During education, studied in Lithuania through the Erasmus+ program, which allowed me to adapt to an international environment. Currently, I develop personal projects by leveraging AI-assisted tools. Eager to learn and grow, I aim to contribute effectively to my future team.

TECHNICAL SKILLS

- **Mobile:** React Native, Expo
- **Web & Backend:** C# / .NET, Laravel (PHP), Python / Flask, ASP.NET MVC
- **Frontend:** HTML5, CSS3, JavaScript
- **Databases:** SQL Server, MySQL, SQLite
- **Tools:** Git, GitHub, Visual Studio, VS Code, Postman
- **Methodologies & Concepts:** SOLID, OOP (Object-Oriented Programming), MVVM, Agile / Scrum, RESTful API, Generative AI, Prompt Engineering

PROFESSIONAL EXPERIENCE

Intern– Mobile Application Developer

Digital Transformation and Software Office), Elazığ | Aug 2024

- Developed a mobile application project featuring REST API integration using React Native.
- Gained hands-on experience in data flow and user interface integration by implementing API technologies in practice.

Intern– Web Developer

Digital Transformation and Software Office), Elazığ | Sep 2023

- Developed two different web projects utilizing the Laravel framework.
- Collaborated with the engineering team to gain practical experience in professional software development processes.

EDUCATION

Software Engineering (Bachelor)

Firat University, Faculty of Engineering.

Sep 2020 – Feb 2026 | GPA: 3.25 / 4.00

Erasmus+ Exchange Program- Computer Networks and Informatics

Panevezys College, Lithuania

Sep 2024 – Jan 2025 | Grade: 9.1 / 10

LANGUAGES

Turkish: Native

English: (B1)

PROJECTS & ACHIEVEMENTS

Dinamik CV Portfolio Website

ASP.NET MVC5, C# • nurgulelmali.somee.com

- Developed a personal portfolio website featuring an admin panel and dynamic content management.
- Built a database-driven infrastructure to seamlessly manage projects, certificates, and work experience.

React Native Mobile App (Intern Project)

React Native, REST API, Expo

- Developed a cross-platform mobile application that fetches real-time data via REST APIs during the DDYO internship.
- Developed Successfully executed UI/UX design implementation and seamless API integration.

Laravel Web Projects (Intern Projects)

Laravel, PHP, MySQL

- **Developed** two distinct web projects within Firat University.
- **Gained** solid practical experience in MVC architecture, routing, and database management.

AI Assisted Projects

Python, Flask, Various Tech

- **Building** personal projects across diverse tech stacks by leveraging modern AI tools.
- **Maintaining** an active GitHub presence to share these rapid-prototyping and learning-oriented repositories.

TÜBİTAK 2209-A – POYRAZ (Developing)

NASA GPM/SMAP/AIRS, HGNN, OPeNDAP, Python, React Native

- **Developing** a probabilistic weather forecasting platform tailored for critical industries such as agriculture, maritime, and construction.
- **Utilizing** NASA satellite datasets and Hierarchical Graph Neural Networks (HGNN) to generate actionable risk analysis rather than standard deterministic forecasts.
- **Designed** a real-time data architecture with OPeNDAP protocol alongside a mobile-compatible server-client structure. Sponsored by the TÜBİTAK 2209-A program.

TÜBİTAK 2209-A & Graduation Project – Learning Map

Python / Flask, React Native, OpenAI API, ASSISTments Dataset

- Developed a web and mobile application that generates AI-powered, personalized learning paths for students based on specific subjects.
- Built the backend with Flask and the mobile client with React Native, featuring weekly scheduling, resource recommendations, and data visualizations.
- Integrated OpenAI API to overcome data scarcity challenges. Included support for PDF exporting and API-based integrations. Sponsored by the TÜBİTAK 2209-A program.

GITHUB

- **26+ Open-Source Repositories:** github.com/nrglelml
- Features active repositories in React Native, C#, Laravel, Python/Flask, and AI-assisted development.
- Continuously updates the profile by actively building and deploying new projects.