Emre Uçmaz

İzmir

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EDUCATION

Dokuz Eylul University   October 2023 - May 2027

Bachelor's Degree - Computer Engineering

Currently studying Fall Semester of Junior(3rd) year.
Object Oriented Analysis and Design(BB), Computer Architecture(BA), Database Management Systems(BA), Operating System(BA), Discrete Computational Structures(AA), Algorithm Analysis(BA),
Algorithms and Programming I, II (AA).

University American College Skopje   September 2024 - February 2025

ERASMUS+ Exchange Computer Science
1 Semester

EXPERIENCE & PROJECTS

Founder & Lead Full Stack Engineer – UniHub   June 2025 - Present
Full Stack Development - Owner

Designed, architected, and deployed a scalable full-stack social platform for university communities, serving 1000+ downloads across 5+ universities and 50+ active communities.

Led end-to-end product development as a solo engineer, owning backend, frontend, database architecture, deployment, and continuous optimization.

Currently leading a 3-person marketing team, driving user acquisition and platform growth while iterating on core features and system scalability.

Key Impact:
Achieved 1000+ platform downloads
Onboarded 50+ university communities
Expanded adoption across 5+ universities
Built and maintained a production-ready infrastructure

Technologies & Responsibilities:
Backend: Spring Boot, Firebase (authentication, real-time data, integrations)
Frontend: React, React Native, Expo
Database: PostgreSQL 17 (schema design, relational modeling, optimization)
Infrastructure: Self-managed server, CI/CD pipeline, Nginx configuration, production deployment

Homeie   November 2025 - Present
Co-Founder & Lead Full Stack Engineer – Homeie (In Development)

Architecting and developing a scalable home management platform designed for shared living environments, focusing on transparency, task coordination, and fair expense distribution among housemates.

Leading technical decision-making and full-stack development within a 2-person engineering team, owning system architecture, backend infrastructure, and frontend implementation.

Product Scope & Core Features:

Smart chore and responsibility tracking system
Utility and shared expense management
Automated payment balancing and cost equalization logic
Centralized shared home status dashboard

Engineering Responsibilities:
Designed and implemented end-to-end full-stack architecture
Developed RESTful backend services using Spring Boot
Integrated Firebase for authentication and real-time features
Designed relational database schemas with PostgreSQL
Built cross-platform frontend applications using React & React Native (Expo)
Established iterative development workflow with version control and structured feature rollout

TÜBİTAK – "Düşüncelerini Hafiflet!"   March 2025 - March 2026
Research Software Developer

Conducted a research project in collaboration with Dr. Sıla Derin, combining psychology and technology. Utilized programming to model human behavior and analyze behavioral patterns. Demonstrated strong analytical and problem-solving skills. Earned eligibility for a TÜBİTAK scholarship. The project is under continuous development and revision until March 2026. Developed using Unity 2022 with Firebase implemented for data collection and exporting.

Dokuz Eylul University   August 2025 - September 2025

Hardware Intern | Smart Flower Pot Project

Completed a 4-week hardware internship with two teammates under the supervision of Dr. Feriştah Dalkılıç. Developed a Smart Flower Pot system that measures soil moisture, monitors internal water levels, and automatically irrigates the soil when required.Additionally, developed a mobile application to monitor soil moisture and water levels in real time.The project was carried out end-to-end by the team, including circuit design, PCB fabrication, embedded system integration, and software development, through hands-on implementation.

SKILLS

Backend Development	Spring Boot, Firebase, Java, C#, Server Management
Database Design	PostgreSQL, SQL, Miro
Frontend Development	React, React Native, Expo, JavaScript
Tools And Technologies	Git/Github, CI/CD, Nginx, Server Deployment, Jira

LANGUAGE

English - C1
Arabic - B1
Turkish - Native

LEADERSHIP & ACTIVITIES

DEU POG (Project And Game Development Community)   2025 May - 2026 July
Chairman

Led the university's Project and Game Development Community, overseeing team organization, strategic planning, and technical event execution.

Coordinated development-focused activities including game jams, workshops, and collaborative software projects while structuring internal teams for sustainable growth and operational efficiency.

Represented the community externally and contributed to strengthening its digital presence and outreach.

Web:
Instagram: https://www.instagram.com/deupog
Website: www.deupog.com

Fiuby Gaming Club	2025 December - 2026 December

Chairman

Leading and organizing a country-wide gaming community, overseeing team coordination, strategic growth, and community engagement initiatives.

Managing cross-functional collaboration within the club while establishing structured organization processes, event planning workflows, and member onboarding systems.

Originated from the early-stage startup Fiuby.com, contributing to community-building efforts aligned with the platform's growth vision.

Key Responsibilities:
Community leadership and strategic direction
Team organization and operational planning
Event coordination and engagement initiatives
Scaling a nationwide member network

REFERENCES

Assoc. Prof. Kökten Ulaş Birant	Dr. Sıla Derin
Software Engineer	Clinical Psychology - Psychodramatist
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