

# ALPER CUBUKCU

## SENIOR SOFTWARE DEVELOPER

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## SUMMARY

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Experienced Software Engineer with 5 years of expertise in backend and frontend development, delivering solutions in healthcare, travel, and education industries. Versatile in multiple technology stacks, known for a problem-solving mindset and collaborative teamwork. Seeking a long-term role to leverage my skills and contribute to impactful projects.

## SKILLS

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**Languages & Frameworks:** C#, .NET Core, WPF, Blozar, TypeScript JavaScript, JQuery, React, Next.js, OOP, SOLID, DDD, TDD, Onion Architecture, RESTful and SOAP apis,

**DevOps & Cloud:** Docker, Azure, AWS, S3, Lambda

**Databases:** PostgreSQL (Postgres), MySQL, MSSQL, Redis,

**Tools:** Git,

**Project Management:** Agile Methodology, Sprint & Scrum

## EXPERIENCES

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### AOGEN

Software Developer | Co-Founder

Sydney, Australia  
October - Present 2024

Led the development of an international education platform enhancing communication between schools, agencies, and students.

- Backend development using **C# / .NET Core 8** with **RESTful APIs**, **Entity Framework**, Domain-Driven Design (**DDD**), and Test-Driven Development (**TDD**); **ReactJS** for school/agency panels, and **Flutter** for the student mobile application.
- Created **ER diagrams** to design scalable and efficient database architectures using **MSSQL** and **Firebase**, ensuring seamless data flow across the platform.
- Managed a team of 4 professionals, including Senior UX/UI Designer, Senior Mobile Developer, and Senior Full Stack Developer.
- Played a dual role as both developer and project manager.

Simultaneously developing a task management and social media marketing platform.

- Backend developed with **C# / .NET Core 8** using **RESTful APIs**, **Entity Framework**, and **DDD** principles; frontend with **HTML**, **CSS**, and **jQuery**.
- Actively utilized **AWS** tools, including **Lambda**, **S3**.
- Used **MSSQL** for data management.

Managing client projects, including **API development**, **website creation**, **mobile application** and **desktop application** development.

- Coordinated external projects and ensured timely delivery with a focus on quality.
- Delivered high-quality solutions by coordinating project lifecycles from inception to delivery.
- Linux server system and **PHP** coding for clients needed.

### AUTOMATORR

Software Developer

Sydney, Australia  
April - October 2024

Developed and managed a healthcare-focused startup platform for doctors and patients, enabling real-time transcription, AI-driven interaction analysis, and actionable insights.

- Built a scalable backend with **Node.js** and **C# / .NET**, and a responsive frontend using **Next.js**.
- Integrated **AssemblyAI** for speech-to-text conversion with 90%+ accuracy, enhancing user interaction.
- Designed **AI-powered** data summarization features with **IBM Watson** and implemented **MSSQL** for efficient database management.
- Utilized IBM MQ for reliable message queuing and communication.
- Directed the project lifecycle, ensuring timely delivery and maintaining quality.
- Conducted development meetings to align team efforts, prioritize tasks, and ensure consistent progress.
- Defined and implemented optimal **design patterns** to create a maintainable and **scalable system architecture**.
- Created **ER diagrams** to design efficient database structures, streamlining data storage and retrieval processes.

**NEXUM | Pegasus Airlines**

Software Developer

Istanbul, Turkey

Jan 2023 - April 2024

Pegasus Airlines, one of Turkey's largest airlines, aimed to modernize its operational infrastructure through this significant project. As part of a large development team, I contributed as a backend developer, working on the new infrastructure. This project earned the prestigious Altın Orumcek Award for its exceptional achievements.

- Designed and implemented a high-performance backend system using **C# / .NET 7**, **RESTful APIs**, **CQRS** and **DDD** architecture, ensuring seamless data management and scalability.
- Achieved an 85% performance improvement by leveraging asynchronous programming and optimizing database operations.
- Utilized **Entity Framework Core** and implemented advanced query strategies to reduce overhead and improve efficiency.
- Integrated **Redis** for caching to enhance data retrieval speeds and overall system efficiency.
- Developed frontend components using **ReactJS** and **JavaScript**, delivering a seamless user experience.
- Implemented **JWT** for secure **authentication** and **authorization**, adhering to industry best practices.
- Actively engaged in **Agile development processes**, aligning technical goals with business objectives through regular sprints and collaboration.
- Contributed to the design and implementation of **CI/CD** pipelines for seamless deployment, ensuring rapid delivery of new features and updates.

**WEBBILIR**

Software Developer

Istanbul, Turkey

July 2021 - Jan 2023

Developed web, mobile and dekstop applications tailored to client needs. leveraging **OOP** and **SOLID** principles to ensure modularity and reusability. Conducted a two-month training program at Webbilir Academy, teaching web development skills to 20 students. Led the development of team and managed projects for clients, including a campaign module supporting 20,000–30,000 users.

- Developed scalable **.NET 3.1** applications using **C#**, **RESTfulAPIs**, **ASP.NET MVC**, **WPF**, **Blazor**, and **Entity Framework**.
- Designed and managed databases with **SQL Server Management Studio**.
- Actively utilized **AWS** tools, including **Lambda**, **S3**.
- Utilized **Azure technologies** for **CI/CD pipelines** and **DevOps** processes.
- Mentored interns and junior developers, focusing on training, design reviews, and code quality.
- Deployed web applications to production servers via **IIS** and **Azure Web Services**.

**WORKINTEAM**

Software Developer

Istanbul, Turkey

Jan 2020 - July 2021

- Gained foundational experience in software engineering, contributing to projects involving application development,**Object-Oriented Programming (OOP)**, **database design**, **server management** and using **Entity Framework**.
- Developed applications using **C# / .NET (3.1)**, **HTML**, **CSS**, **JavaScript**, **ReactJS**, **jQuery** adhering to **OOP principles** and **SOLID principles** for maintainable and extensible codebases.
- Designed and managed databases with **MySQL** and maintained version control systems using **Git** and coding with **PHP**.
- Supported server deployments and management while adhering to **Agile project management** methodologies.

**EDUCATIONS**

**Academies Australasia Polytechnic**

Master Of Information Technology

Sydney, Australia

2024 -2026

**Ahmet Yesevi University**

Bachelor Of Science In Computer Engineering

Istanbul, Turkey

2020 -2023

**CERTIFICATIONS**

**Building Modern .NET Applications on AWS**

**SQL for Data Science**

**Param .Net Practicum**

**.Net.Core Software Master**

**From:**Amazon Web Services (AWS)

**From:**University of California, Davis

**From:** ParamTech

**From:**University of THK