



Contact

✉ mburakaltiparmak@gmail.com

☎ +905423649605

📍 Ankara, Turkey

🌐 <https://burakaltiparmak.site>

🌐 [LinkedIn](#) [GitHub](#)

Education

Mechanical Engineering (MSc)

Erciyes University

2023 - present

Full Stack Development Edu.

Workintech

2023 - 2024

Mechanical Engineering (BSc)

Erciyes University

2014 - 2022

Certificates

Software Technology & School

Coderspace

2025

Front-End Developer (Junior)

RemoteTech Work

2024

Java Developer (Junior)

RemoteTech Work

2024

Next.js Developer (Junior)

RemoteTech Work

2024

PostgreSQL Developer (Junior)

RemoteTech Work

2024

Full Stack Development Bootcamp

Workintech

2024

Mehmet Burak ALTIPARMAK

Software Developer

About Me

While every new project in software development excites me, I am a Software Developer who harmonizes systematic engineering principles with modern technologies to create unique solutions.

My Mechanical Engineering background instilled a deductive problem-solving approach, starting from fundamentals and building systematically toward robust solutions. This engineering mindset allows me to create software that performs reliably under real-world conditions.

After intensive 960-hour training with 60+ projects, I've developed expertise in both backend architecture and frontend user experience. Currently freelancing as a frontend developer while pursuing my Master's degree, where I'm combining machine learning with genetic algorithms for composite material optimization, applying computational methods to solve real engineering challenges.

Ready for international team environments with advanced English communication skills, focused on continuous learning and technical excellence.

Experience

Themedya Software & Media

Front End Developer (Freelancer)

02.2025 - present

- Providing external support for the frontend development of the company's website projects.
- Developing modern and high-performance user interfaces using technologies like Next.js, React.js, and Tailwind CSS.
- Creating mobile-friendly and user-centric interfaces by following best UI/UX practices.

Projects

Backend Developer

[Github](#) [Postman](#) [Actuator](#) [Swagger](#)

Pizza Project RESTful API

Tech Stack : Java 17, Spring Boot 3.4, Spring Security, PostgreSQL, Redis, Elasticsearch, Docker, Iyzico.

- Advanced Search Engine: Engineered a high-performance search system using Elasticsearch, featuring fuzzy search (typo-tolerance) and autocomplete suggestions.
- Performance Optimization: Achieved 85% faster response times by implementing Redis multi-level caching; prevented N+1 query issues and database bottlenecks using JOIN FETCH strategies and HikariCP connection pooling.
- Financial & Workflow Integration: Developed an end-to-end dynamic order management system (Admin/User workflows) integrated with Iyzico 3D Secure payment gateway.
- System Security & Resilience: Implemented a robust security layer with JWT (Access/Refresh Token) architecture, Role-Based Access Control (RBAC), and Bucket4j for IP/User-based rate limiting.

Languages

English (Advanced)

German (Beginner)

References

Gökhan Özdemir

Software Developer

EPAM Systems

+90 546 828 53 02

gn.ozdemir@gmail.com

Hayri Özbülbül

Co-Owner & Software Developer

Themedia Software & Media

+90 505 923 57 20

hayriozbulbul@gmail.com

Erhan Fırat

Developer / PM / Instructor

erhanfirat@gmail.com

Full Stack Developer

[Github](#)

[Website](#)

Pizza Restaurant Website

Tech Stack: Next.js 15, React 18, Redux Toolkit, Tailwind CSS, ShadcnUI, Framer Motion

- Admin Dashboard with Recharts analytics, real-time order tracking, and comprehensive CRUD operations
- Redux Toolkit state management with optimistic updates and intelligent cache invalidation
- Multi-step checkout with React Hook Form + Zod validation
- SWR for efficient data fetching and automatic cache revalidation
- Responsive design with Tailwind CSS, ShadcnUI components, and Framer Motion animations
- Component architecture following separation of concerns (Custom Hooks + UI Components)

Software Developer

[Github](#)

Dynamic Parallax Wallpaper

Tech Stack: React 18, Vanilla JavaScript, HTML5, CSS3, Custom Physics Engine

- React-based architecture with multi-layer parallax effects
- Custom physics engine with billiards simulation and accurate collision detection
- Hardware-accelerated animations targeting consistent 60fps performance
- Production deployment optimized for Lively Wallpaper ecosystem

Please visit my website for other projects.

Skills

Technical Skills

Backend

- Java, Spring Boot, Spring Security, JPA / Hibernate, BCrypt, JWT Authentication, Bucket4j.

Frontend

- JavaScript, TypeScript, React, Next.js, Tailwind CSS, Redux, Context API, ShadcnUI, RadixUI, Daisy UI, Lucide React, Recharts.

Database & Storage

- PostgreSQL (SQL), Elasticsearch (NoSQL), Redis, Supabase, HikariCP.

DevOps & Cloud

- Docker, GCP, Hetzner VPS, Railway, Fly.io, Vercel, Prometheus, Grafana, Spring Actuator.

Performance & Optimizations

- N+1 Prevention, JOIN FETCH, Pessimistic Locking, Rate Limiting (IP/User-based), SWR Caching.

Services & Integrations

- Stripe, Iyzico, Contentful, Strapi, Cloudinary, SendGrid, EmailJS, i18next.

Soft Skills

- Engineering Mindset: Technical Problem-Solving & Root Cause Analysis, Performance Optimization & System Design.
- Agile & Delivery: Agile Methodologies, Time Management, Production-Ready Development, Technical Documentation.
- Collaboration: Adaptability & Fast Learning, Cross-Functional Collaboration, Stakeholder Communication.