

Mustafa Bulut

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OBJECTIVE:

Full Stack Developer specializing in Next.js and scalable web applications. Passionate about building secure, high-performance solutions that improve user trust, accessibility, and overall experience.

EDUCATION: BURSA ULUDAG UNIVERSITY

B.Eng. Degree, Computer Engineering

October 2020 - June 2024

LANGUAGES AND TECHNOLOGIES:

Languages & Frameworks: JavaScript, TypeScript, Python, SQL, React, Next.js, Tailwind CSS, jQuery, Node.js, Express, .NET

Database & Cloud: PostgreSQL, Firebase, AWS

WORK EXPERIENCE:

Full Stack Developer, [FaktcheckAI](#) - June 2025 - October 2025

- Designed and built a fact-checking platform that analyzes text, images, URLs, phone numbers, and emails for authenticity, phishing, or manipulation.
- Developed a React + Tailwind frontend with a responsive, user-friendly interface.
- Built a secure Express.js backend with PostgreSQL, handling authentication, claim analysis, and data storage.
- Optimized API and database performance with caching, pagination, and efficient query structures, reducing response times by 30%

Software Engineer, Barida Group - November 2023 - October 2024

- Built and maintained a modular ERP platform with React, focusing on scalable and reusable component design.
- Optimized UI and API workflows, cutting code redundancy by 40% and reducing data retrieval time by 25%.
- Improved performance through code splitting, lazy loading, and rendering optimizations, significantly lowering page load times.

PROJECTS:

Palettt – Full Stack Web App (Founder & Sole Developer)

palettt.com | Next.js, PostgreSQL, Prisma, Tailwind, S3

- Built and deployed a palette platform with generation, extraction, and file conversion tools, enabling designers to create and share palettes in minutes.
- Engineered a scalable backend (PostgreSQL + Prisma, SSR caching, S3) that cut load times by ~40%, improving SEO and retention.
- Implemented user features (profiles, collections, following, privacy controls) and export options (SVG, CSS, Tailwind, image, URL), boosting engagement and reusability.
- Sole developer responsible for end-to-end architecture, optimization, and SEO, ensuring reliability and growth readiness.

WrytrAI – AI Enhanced Note App

[WrytrAI](#) | Next.js, Firebase, Tailwind, S3

- Developed with Next.js + Firebase, enabling real-time note editing, tagging, search, and image uploads.
- Integrated Groq's Llama 3 AI assistant, allowing users to summarize and generate content up to 5x faster compared to manual note-taking.
- Launched on ProductHunt, onboarded early adopters in the first week, and collected actionable feedback to guide future iteration..