

Ilkay Mehmet Bora

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Summary

Full-Stack Developer with 3+ years of production experience building web applications across e-commerce, conversational AI, and enterprise SaaS. Shipped customer-facing JavaScript solutions at Insider, built a real-time voice AI agent system at Algoria using Gemini Live API and Python Asterisk, and deployed MERN-stack and Next.js platforms serving live users. Comfortable across the full stack — strongest on the frontend.

Work Experience

Algoria Ventures

Istanbul, Turkey

AI Automation Engineer (Project-Based)

June 2026 – August 2026

- Sole developer on a voice AI system simulating real phone conversations using Gemini Live API.
- Configured Python Asterisk to route and control calls with role-specific behavioral directives.
- Built the React frontend and Go backend to orchestrate real-time audio sessions end to end.

Stack: React, Go, Python, Asterisk, Gemini Live API

Insider

Istanbul, Turkey

Technical Implementation Engineer

May 2025 – April 2026

- Built custom JavaScript solutions to tailor Insider's marketing platform to enterprise client needs.
- Designed and managed A/B testing campaigns that directly influenced client engagement metrics.
- Debugged integration issues across Vue.js, Node.js, and jQuery codebases under tight client deadlines.
- Translated client requirements into platform improvements in collaboration with product and engineering.

Stack: JavaScript, Vue.js, Node.js, jQuery, HTML, CSS

CBOT

Remote

Fullstack Developer

Mar 2024 – May 2024

- Redesigned chatbot UI architecture in Angular to make interfaces configurable per enterprise client, eliminating repetitive per-client overrides.
- Improved API response times and dashboard UI performance across the conversational platform.

Stack: Angular, Node.js, Express.js, MongoDB

Kocaeli University IT Center

Kocaeli, Turkey

Frontend Developer Intern

Jul 2023 – Jan 2024

- Built React-based internal tools used daily by IT staff and students across the department.
- Created a shared component library that reduced UI duplication across three separate departmental projects.

Stack: React, JavaScript

VakıfBank

Istanbul, Turkey

Fullstack Developer Intern

Aug 2023 – Sep 2023

- Built an internal e-commerce dashboard covering product, category, and cart management with Angular and ASP.NET.
- Developed RESTful APIs and integrated them into the Angular frontend with role-based authentication.

Stack: Angular, ASP.NET, MySQL

Trtek

Kocaeli, Turkey

Software Engineering Intern

Jul 2022 – Aug 2022

- Built Windows Forms modules for healthcare-related desktop applications in C#.
- Fixed existing bugs and improved UI responsiveness under senior developer guidance.

Stack: C#, Windows Forms

Skills

- **Frontend:** React, Next.js, Angular, HTML, CSS, Tailwind
- **Backend:** Node.js, Express.js, ASP.NET, Go
- **Languages:** JavaScript, TypeScript, Python, C#

- **Databases:** MongoDB, MySQL, PostgreSQL
- **Tools & Platforms:** Git, Docker, AWS (EC2), REST APIs, Jira, Slack
- **Methodologies:** Agile, Scrum, Kanban

Projects

- **Nivorai** *React, Node.js, Express, PostgreSQL, React Native, Docker*
Got tired of juggling five separate apps for tasks, journaling, habits, mood, and finances, so I built one self-hosted suite instead. Monorepo with a React 19 web app, an Express/Prisma/PostgreSQL API, and a React Native mobile app, containerized with Docker and covered by Playwright E2E tests.
🌐 nivorai.app
- **Linknown** *Next.js, Node.js, MongoDB, Hetzner*
Migrated off AWS EC2 to cut hosting costs and get full infrastructure control, moving it to my own Hetzner VPS. Built privacy-safe click analytics, bot-filtered redirects, password-protected links, and a no-code link-in-bio page builder on top of the core shortener.
🌐 linknown.com
- **ConvoScore** *Next.js, TypeScript, PostgreSQL, Prisma, Google Gemini*
Static contact forms convert poorly and the leads that do come through are usually unqualified, so I replaced the form with a chat widget: Gemini extracts structured lead details from the conversation in real time, and a scoring function ranks every request the moment the chat ends. Live, multi-tenant product anyone can embed with one script tag.
🌐 convoscore.com
- **QuizCupid** *Next.js, TypeScript, Sanity CMS, Three.js*
Launched TR/EN only, then expanded to seven languages (adding AR, DE, ES, FR, PT, with RTL for Arabic) to learn multi-market SEO hands-on: hreflang setup, translated content at scale, and organic traffic from non-English search. Six personality-style love tests plus four Three.js-powered couple games, built with Sanity CMS for content.
🌐 quizcupid.net
- **TeknoKıyas** *React, Node.js, Express, MongoDB*
A dead student repo from my Software Laboratory course; I went back, redesigned the frontend, and put it online for real instead of leaving it abandoned. Scrapes laptop listings from three e-commerce sites and compares them side by side, deployed on Vercel and my own Hetzner server.
🌐 teknokiyas.vercel.app 🌐 GitHub
- **VB Ecommerce** *Angular, ASP.NET, MySQL*
Built during my VakıfBank internship: an 11-page enterprise e-commerce system with separate customer and admin panels, covering product, category, cart, and inventory management. Added a virtual keyboard for secure login and Turkish-English language support.
🌐 Frontend 🌐 Backend

Education

Bachelor of Engineering – Computer Engineering	2020–2024
Kocaeli University	GPA: 3.01 / 4.00

Volunteering

Speakt Together Club – Moderator	2024–Present
Organize weekly English conversation sessions and communication activities.	
Google Developer Student Club – Member	2022–2023
Kocaeli University IT Club – Board Member	2021–2022
Organized technical seminars and student-facing tech events.	

Languages

- **Turkish:** Native
- **English:** B2 – Upper Intermediate