



Berkant Karakayis

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About me

With over 3 years of hands-on experience in software development, I'm a passionate and adaptable Frontend / React Developer focused on building impactful, scalable, and user-centric solutions. My expertise spans both web and mobile development, with growing specialization in real-time systems, microservices, and AI-driven interfaces.

I started my journey in technology through robotics and Arduino, where I combined curiosity with self-initiative. Since then, I've built solid experience across React.js, React Native, TypeScript, JavaScript, TailwindCSS, SCSS, and CSS, delivering responsive and performance-optimized user interfaces. On the backend side, I'm experienced in Node.js and MongoDB, implementing auth systems, role-based access control, and real-time communication.

What sets me apart is my relentless curiosity and design-driven mindset. I thrive in collaborative environments where I can help teams grow while continuously improving my own technical and creative abilities. I'm deeply motivated by solving real-world problems—especially those with social, environmental, or data-driven impact—through technology that doesn't just work, but feels alive.

CERTIFICATIONS

Building the Web: Full-Stack Development Bootcamp ([techcareer.net](#))

The Complate 2023 Web Development Bootcamp ([Udemy](#))

Learn C# by Developing Apps: A to Z Training Set ([Udemy](#))

Introduction to Python ([Datacamp](#))

Cyber Security 101 ([Cisco Networking Academy](#))

Introduction to Artificial Intelligence and Algorithms ([BTK Akademi](#))

VEX Robotics Bootcamp ([EduVasion](#))

Robotic Coding Trainer Training ([TÜBITAK](#))

Skills

CSS | Tailwind CSS | Javascript | Typescript | Node.js | MongoDB | Sass | Vite | Material UI | Android Studio | Bootstrap | jQuery | Arduino | Matlab | Git | SQL | Xcode | Javascript (React.js) | React, React Native, React Hooks, React Router

Education & Training

Associate's degree in Computer Science | Namik Kemal University | 04/09/2021 - 13/09/2023 | Tekirda , Turkey

Level in EQF 5

Work experience

Frontend Developer Intern | Nevera Tech | 01/10/2021 - 01/01/2024 | Istanbul, Turkey

Collaborated with design and product teams to implement responsive design, resulting in a 30% increase in mobile traffic and improved user engagement.

Reduced page load time by 50% by implementing caching strategies and minimizing

HTTP requests, resulting in higher search engine rankings and improved SEO performance.

Collaborated with UX/UI team to enhance user experience, resulting in a 40% improvement in user satisfaction and a 20% decrease in support tickets.

Frontend Developer | Independant | 01/01/2021 - Current | Istanbul, Turkey

Developed reusable UI components, reducing development time by 25% and enabling faster iteration, leading to a 30% improvement in time-to-market for new features.

Developed responsive and user-friendly web applications, leading to a 25% decrease in bounce rate and a 20% increase in user engagement.

Optimized website performance by 40% through implementing efficient front-end code, resulting in improved user experience and increased page load speed.

Frontend Developer | Nevera Tech | 05/01/2024 - 15/12/2024 | Istanbul, Turkey

Collaborated with design and product teams to implement responsive design, resulting in a 30% increase in mobile traffic and improved user engagement.

Reduced page load time by 50% by implementing caching strategies and minimizing

HTTP requests, resulting in higher search engine rankings and improved SEO performance.

Collaborated with UX/UI team to enhance user experience, resulting in a 40% improvement in user satisfaction and a 20% decrease in support tickets.

Improved website performance by 40% through optimizing code and implementing responsive design, resulting in a 20% increase in user engagement and a 15% decrease in bounce rate.

Collaborated with cross-functional teams to implement new UI features, resulting in a 20% increase in user interactions and a 15% decrease in bounce rate, ultimately improving user retention and satisfaction.

Full-Stack Developer | PixupPlay | 15/12/2024 - 01/11/2025 | Dubai, United Arab Emirates

Developed real-time Tracker modules for Football, Basketball, Volleyball, and Ice Hockey with 3D animations, shot paths, and live event overlays.

Built scalable interfaces using React, TypeScript, Tailwind.

Implemented role-based access control, dynamic filtering, and config-driven UI systems for multi-brand support.

Integrated real-time data and optimized animations for cross-browser stability.

Collaborated with backend and design teams to align UX/UI, improve performance, and enhance visual consistency.

Contributed to architecture, refactoring, and reusable component design, ensuring scalability and maintainability across modules.

Honours and Awards

Excellence in Engineering Award (Istanbul Regional First Robotics Competition) | First Robotics | 23/04/2018

Language Skills

Mother tongue(s): **Turkish**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	B2	B2	B1	B1	B1
German	A2	A2	A2	A2	A2

Driving Licence

Driving licence AM

Driving licence B1

Driving licence B | 21/03/2023 - 21/03/2033