

# Emir Mertoğlu

## Software Engineer

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### PROFILE

I'm a Software Engineer with experience in optimizing performance and scalability. Expert in React.js and frontend development. Focused on improving user experience and system reliability. Skilled in solving technical challenges and eager to learn and mentor. Committed to delivering high-quality solutions that drive success.

### WORK EXPERIENCE

#### ERKA Group

Software Engineer

Istanbul, TR

July 2022 – Present

- Led performance optimization projects, resolved bottlenecks, and enhanced scalability using React.js, Next.js, and server-side rendering.
- Designed high-performance solutions to improve frontend performance, user experience, and SEO.
- Ensured system scalability, stability, and reliability.
- Mentored team members on best practices for React.js and performance optimization.
- Developed React.js components with Material UI for projects such as "Turkish Airlines Holidays" and "Bizigo."
- Documented and tested components using Storybook.
- Improved project performance and SEO through Next.js.
- Managed app state with Context API and integrated RESTful APIs via Axios.
- Maintained and resolved bugs for stable projects.
- Trained team on modern technologies like Test Driven Development and Jest.
- Created responsive HTML emails using MJML.

#### TEKROM Technology

Software Engineer

Istanbul, TR

February 2022 – May 2022

- Developed web pages for products like Nildesk, Fig.mobi, Onlivesale, and ConnectProf using JavaScript, HTML5, and CSS3.
- Managed projects independently from setup to deployment.
- Collaborated with designers and product managers to enhance teamwork skills.

#### T-Soft E-Commerce

Software Engineer

Istanbul, TR

February 2022 – May 2022

- Redesigned main and subpages with modern UI using JavaScript, HTML5, and CSS3.
- Achieved 100% Google Lighthouse score, demonstrating SEO expertise.
- Collaborated with team leads and used Git for version control.
- Translated design concepts into standard-compliant code.

#### Nutima Code

Software Engineer

Istanbul, TR

March 2021 – April 2021

- Developed and published a browser extension.
- Created Vue.js components, converted them to npm packages, and published them.

### EDUCATION

#### Mugla Sitki Kocman University

BS in Information Systems Engineering (GPA: 3.63)

Mugla, TR

- 🏆 Graduated as the top-ranking student in both department and faculty.
- Organizations: Google Developer Group (GDG) Mugla, Google Developer Student Clubs (GDSC) MSKU
- Awards: Chancellor's Honors List, Dean's Honors List.

### SKILLS & INTERESTS

**Skills:** Next.js | React | Redux | Vue.js | TypeScript | JavaScript | Node.js | Jest | Tailwind CSS | Material UI | Bootstrap | Sass | Git | HTML5 | CSS3 | C# .Net | OOP