Berk Cohadar | Software Development Engineer II

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Talented software engineer with 4+ years of experience specializing in web development. Expertise in React.js, Next.js and Python Django. Proficient in JavaScript-based automated UI testing. See more at berkcohadar.com!

· JavaScript & TypeScript	· React.js / Next.js / Node.js	· UI/UX Design
· Python	· Django	· Restful API Design
· C# & DotNet	· UI/UX Testing	· Automation

Professional Experience

SOFTWARE DEVELOPMENT ENGINEER | Microsoft   *December 2022 – present*
Microsoft 365 Security and Compliance Center — Redmond, WA

- Developed user-centric, interactive React components with customizable features, using TypeScript for enhanced type safety and code quality, while adhering to industry best practices for clean, maintainable code.

- Led first regression testing automation using JavaScript, overseeing 300+ daily tests, which significantly reduced defects and streamlined the release process.

- Conducted root cause analysis of UI-related defects and implemented corrections in React to prevent reoccurrence, and improve performance and scalability.

- Partnered with senior management to identify and address edge cases, ensuring seamless testing automation. Presented test reports, highlighting areas for improvement and recommending solutions.

- Provided feedback and best practices in React during code reviews. Played a key role in strategic decisions on implementation approaches and testing.

SOFTWARE DEVELOPMENT ENGINEER | Partisepeti.com   *November 2018 – December 2022*
E-commerce — Istanbul, Turkey (Remote)

- Developed a multi-vendor e-commerce application and vendor dashboard using React.js, Next.js, and Python Django, resulting in a 400% increase in initial launch, page loading and search speed.

- Utilized Next.js with React for server-side rendering to enhance performance, speed, scalability, build times, and SEO performance. Resulting in improved content visibility on search engines and optimized resource utilization, cost savings on server-side resources.

- Carefully designed client-side and server-side rendered components along with other performance optimization techniques like lazy-loading, memoization, virtualization and using useMemo or useCallback hooks.

- Created 50+ reusable, and customizable React components enriched by Redux, HOCs and Hooks, resulting in a significant increase in development speed and improved overall code quality.

- Engineered scalable Rest APIs and designed relational data models using Python Django, reducing API response time and improving database performance.

Education

B.S. in Computer Science | SUNY Binghamton University
B.S. in Computer Science | Istanbul Technical University