Ugur Armagan

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EXPERIENCE

Software Engineer II
Optum   November 2021 – Present

· Reduced build times from 1 minute to 7 seconds by optimizing a Webpack configuration and adding caching.
· Led development of a brand new personalized dashboard that affects tens of thousands of existing users that's using React, Redux, and Styled Components.
· Implemented tests to ensure high quality code delivery and wrote documentation to help other engineers understand the code better.
· Organized weekly brown-bag meetings that introduced multiple concepts to the team, such as React Concurrency, React Query, Playwright, etc.
· Developed design patterns and standards for a team of engineers, resulting in increased efficiency and fewer errors.
· Pioneered the use of CSS Grid, which helped in making the dashboard application layouts flexible and extensible.

Software Engineer
Optum   July 2021 – November 2021, Chicago

· Refined the development workflow for how multiple micro-services get spun up, decreasing build times by 20%.
· Lead the migration of an Angular application to React, which reduced page load time by 70%.
· Built out multiple features on a healthcare dashboard product that is actively used by tens of thousands of customers every single day.

Software Engineer
Epsilon   July 2019 – July 2021, Chicago, IL

· Increased throughput of PostgreSQL database by 60% through optimizing queries and indexing
· Successfully completed an internal front-end project impacting multiple regional ad servers within 2 months by managing and coordinating development efforts.
· Leveraged knowledge in Docker to create scalable microservices that are delivered through a CI/CD pipeline.
· Built and maintained multiple backend REST API services with Docker and Kubernetes .
· Developed and maintained multiple API services with Node.Js and Typescript that had 99.99% uptime.
· Earned the leadership of a newly formed team, organized daily stand, and established a team culture that focuses on building applications with SOLID principles in mind.

PROJECTS

Worksite Event Reporter
September 2021

· Tool for contractors/construction workers to report worksite issues and track them built in React, Next.js, and TailwindCSS.
· Data fetching and caching implemented with React-Query.
· Automatic user creation through server events.
· Data is entirely from a JSON file that is modified by a custom read/write CRUD server.

UgurArmagan.com
October 2020

· My internet home built with React and NextJS.
· Responsive design using TailwindCSS.
· Includes a blog that pulls data from markdown.

EDUCATION

Bachelor of Science in Computer Science
Northeastern Illinois University · Chicago, IL · 2018

SKILLS

React, Typescript, Javascript, Node.js, PostgreSQL, Docker, Minimal Python