Ross Patiak

Software Engineer

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CAREER HIGHLIGHTS

- **Leadership:** Oversaw developmental discussions and collaboration across 3 different teams regarding two new major React web components, as well as redesigns of several existing UI components
- **Code-Efficiency:** Significantly conserved time and developer efforts by simplifying existing application-level state management, which reduced the number of relevant technical debt tickets by 50%
- **Teamwork:** Improved team's sprint burn rate by 200% by devising new ways to manage team's dev work and increase QA efficiency using the current processes and tools that were already in place

PROFESSIONAL EXPERIENCE

Pfizer Inc. — Remote
Software Developer *(Contracted through TCS)* — May 2021 – May 2023

- Developed reusable and scalable UI Components using React, Typescript, Redux, GrapesJS, and Storybook, which are currently being used by Pfizer web applications in over 35 global markets
- Designed AWS Lambda functions in Python to integrate headless CMS data into RESTful API architecture
- Orchestrated team-wide effort to increase code coverage of unit and end-to-end tests across all components using Jest and Puppeteer
- Implemented user analytics tracking using the Adobe Analytics API
- Regularly performed code and design reviews that guarantee high code quality

Tata Consultancy Services Ltd. — Edison, NJ
Software Engineer — Mar 2021 – May 2023

- Coordinated the frontend development initiative of a PoC which aimed replace and/or enhance the building process of web apps under Pfizer's PfizerPro umbrella
- Spearheaded the building process of a PoC application to visualize and manage internal organizational data using D3.js and Python

PROJECTS

BugWatch (link: bugwatch.vercel.app)
Personal Project *(NextJS | Prisma | tRPC | NextAuth | TailwindCSS)*

- Currently developing a full-stack ticket tracking dashboard inspired by project trackers like Jira and Asana using the T3 stack
- Utilizes NextJS and Tailwind for a fast and elegant frontend experience, and tRPC, Prisma, React Query, and NextAuth for a robust and fully typesafe backend

KING Clothing (link: ross-patiak.github.io/KingClothing)
Personal Project *(React | Redux | Firebase)*

- Developed a fully-functioning e-commerce web application using React for a seamless frontend experience and Redux for ready-to-scale state management
- Utilized and integrated Firebase and Stripe API to handle user sign-ins, authentication, and process user payments

SKILLS

- **Languages:** Typescript, Javascript, HTML, SCSS/SASS, CSS, Python, SQL
- **Frameworks/Libraries:** React, Redux, Next.js, TailwindCSS, Grapes.js, Jest, Puppeteer, React Query, Redux, D3.js, Angular, Express.js, NodeJS
- **Tools/Other:** Storybook, AWS, Webpack, NPM, MySQL, MongoDB, Firebase, Agile methodologies, SCRUM

EDUCATION

Rutgers University, School of Arts and Sciences — New Brunswick, NJ
B.A. in Computer Science, Software Engineering Track; Minor in Economics — 2016 – 2020