

# Ross Patiak

Software Engineer

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## CAREER HIGHLIGHTS

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- **Leadership:** Oversaw developmental discussions and collaboration across 3 different teams regarding two new major web components, as well as redesigns of several existing web 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

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### Pfizer Inc.

Frontend Software Developer (*Contracted through TCS*)

Remote

May 2021 – May 2023

- Developed adaptable core Web Components using StencilJS, React, Typescript, GrapesJS, and Storybook, which are currently being used by Pfizer web applications in over 35 global markets
- Retroactively redesigned existing components to align with Pfizer's proprietary Helix Design System
- 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 into existing web components using the Adobe Analytics API
- Regularly performed code and design reviews that guarantee high code quality

### Tata Consultancy Services Ltd.

Software Engineer

Edison, NJ

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

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### BugWatch (link: [bugwatch.vercel.app](https://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](https://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

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

## EDUCATION

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### Rutgers University, School of Arts and Sciences

*B.A. in Computer Science, Software Engineering Track; Minor in Economics*

New Brunswick, NJ

2016 – 2020