

Ross Patiak

Software Engineer

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PROFESSIONAL EXPERIENCE

Outlier AI, Inc. | Freelance AI Engineer

May 2024 – Present

- Contribute high-quality **React**, **Javascript**, and **Typescript** code to be used as training data for the GPT LLM

Pfizer Inc. | Software Developer, Frontend

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
 - Oversaw the **full-stack** technical direction and development of new complex React components, as well as redesigns of several existing components; Led to a **20% increase in ticket close-rate** for its first PI, and an increase in scope for subsequent PI's
 - Significantly conserved time and developer efforts by simplifying existing application-level state management, which **reduced the number of relevant technical debt tickets by 50%**
- 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**
 - **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
- Implemented user analytics tracking using the **Adobe Analytics** API
- Regularly **performed code and design reviews** for junior developers to guarantee high code quality

Tata Consultancy Services Ltd. | 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

- 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

Personal Portfolio (link: rosspatiak.com)

Personal Project

- The rest of my personal projects can be accessed through my personal website with the link above

SKILLS

- **Languages:** Typescript, Javascript, HTML, SCSS, 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