

# Saadh Shehzad

## Software Engineer

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### Contact

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📍 Princeton, NJ

### Skills

#### Programming Languages & Technologies

JavaScript, Python, Ruby, PHP, Java, Bash, Linux, Google Cloud, Selenium, Playwright, Puppeteer, Git

#### Frontend

React, Next.js, Vite, HTML5, CSS3, Sass, Tailwind CSS

#### Backend

Express with Node.JS, Ruby on Rails, Strapi (headless CMS), WebSockets/Socket.io, PostgreSQL, MySQL, Wordpress

### Projects

- Developed a Linktree alternative with embedded and integrated social media in one. Developed with Typescript, NextJS, Strapi as a headless CMS, TailwindCSS, and Shadcn UI. Source at <https://github.com/ssaadh/crank-social-media-hub> with a demo at <https://cranksite.vercel.app>.

#### Founding Community Manager, Zoomers.xyz

- A 24/7 online co-working community based around a Zoom meeting room.
- Visual collaborative timers at <https://timers.zoomers.xyz>. Developed with NodeJS WebSocket/Socket.io backend, Google Cloud Firestore, and ReactJS. Source at <https://github.com/ssaadh/zoomers-collab-timers>.
- Zoom Meeting automation. Developed with Javascript Playwright to control headless Chromium browser to manage admin tasks for the meeting room every day. Source at <https://github.com/ssaadh/zoomus-websdk-automation>.
- Real-time status of people in the meeting room. Created AWS Lambda serverless functions to consume Zoom webhooks and store data in Firestore with a React frontend. Source at <https://github.com/ssaadh/zoom-us-users-real-time-status>.
- Working on: Membership and community site using NextJS with Ghost as headless CMS. Source at <https://github.com/ssaadh/zoomers.xyz>.

### Work Experience

#### Software Developer, Freelance Consulting

*Remote, March 2024 - Present*

- Developed a flexible site for a content creator. Developed with Typescript, Tailwind CSS, Radix UI, NextJS, and Wordpress as a headless CMS with a focus on SSG (static site generation).
- Worked on porting iMacros code to browser automation code in Javascript Playwright
- Automated Javascript Playwright to get specialized financial data and present it to the client with basic reporting and printing capabilities with NextJS

#### Time off to recover from health issues

*June 2023 - March 2024*

#### Full Stack Developer, Media Leadia (Contract)

*Remote, July 2022 - June 2023*

- Media Leadia is a content and marketing company
- Developed MAS, Mobile Ad Scout, and VAS, Video Ad Scout, for internal clients
- Created a Ruby on Rails backend and React frontend for MAS. Created an ExpressJS backend and NextJS frontend for VAS
- Developed a Ruby Watir/Selenium headless browser scraper of popover, popup, and modern native ads for MAS
- Developed a Javascript Puppeteer browser automation scraper to get Instagram, YouTube, and Facebook video ads as authentic users, across different demographics for VAS

#### Frontend Developer, Ats Media (Contract)

*Princeton, New Jersey, October 2021 - June 2022*

- Ats Media is a sub-contractor specializing in creating internal tools for growing organizations
- Documented React, GraphQL, and React-Redux internal web app code
- Upgraded older React and Create-React-App codebases to Typescript, NextJS, and moved to server side rendering
- Converted outdated bulky React state management to React hooks
- Ported PHP web frameworks, CodeIgniter and Laravel, code bases to Node/ExpressJS and React

#### Software Developer, Freelance Consulting

*Remote, November 2018 - September 2021*

- Managed an array of Wordpress sites. Created custom Wordpress themes and plugins as needed by clients.
- Worked alongside a marketing partner managing WooCommerce with Wordpress and Shopify e-commerce stores
- Created and maintained wrapper libraries for the defunct iMacros web automation language in PHP, Ruby, and Javascript for clients
- Created and maintained scrapers with Watir in Ruby and Selenium in Python

#### Programmer & IT, 4th Gear Media

*Rahway, New Jersey, March 2018 - September 2021*

- 4th Gear Media was an online marketing and adtech company
- System administrator for in-house and client Linux and Windows servers
- Worked day-to-day with marketers on landing pages and Wordpress content focused sites
- Created and maintained in-house and client scripts and Wordpress sites