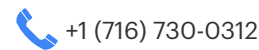
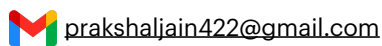


Prakshal Jain



EDUCATION

- **University at Buffalo** — Bachelors (BS) in Computer Sciences
GPA: 3.897 **Expected Graduation:** December 2022

SKILLS & PROGRAMMING LANGUAGES

- **Programming Languages:** Javascript, Python, SCALA, C, C++, jQuery, PHP, Bash, ARM, MIPS
- **Skills, Libraries, and frameworks:** ReactJs, GraphQL, Flow, HTML, CSS, SCSS/SASS, LESS, TypeScript, Angular, Ajax, JSON & REST architecture, Express.js, NodeJs, React Native, Vue.js, jsPsych, MongoDB, Tensorflow, OpenCV, Django, Flask, Jest, Websockets, Threading, Jekyll, PsychoPy, Git, MySQL, Linux, NLTK, SpaCy, Webpack, UI design/wire-framing and prototyping UIs

EXPERIENCE

Meta (WhatsApp Business Experience) | Front End Engineer Intern — May 2022 - Aug 2022

- Developed and integrated an embedded signup flow for the mobile app, resulting in a **91% increase in user base**.
- Implemented an internal mobile **React** component library, reducing the **mobile web development** process time by **70%** and decreasing the product launch timeline from **7 months to 3.5 months**. This also improved UI and code consistency, and implemented end-to-end Jest testing and code reduction.
- Collaborated with UX designers and project managers to refine existing UI, document suggestions, fix bugs, create **hooks** for **GraphQL** API calls, add **Flow** type checking, and reorganize the existing codebase to improve the development process.

Stark & Wayne | Full-Stack Software Engineer Intern — Feb 2022 - May 2022

- Successfully grew customer base by **84%** within **3 months** through development and launch of Genesis UI, a real-time web interface for accessing deployment status.
- **Led a team of 3 full-stack developers** in building **React** components, ensuring **data security**, improving **efficiency**, and maintaining best practices in an **agile** development environment.
- Improved customer satisfaction to **99%** through implementation of efficiency-enhancing and updated tools, incorporation of **accessibility** features, and development of creative solutions such as QuickView favorite deployments, auto-updates, etc.

MemoryFox | Full-Stack Engineer Intern — May 2021 - Aug 2021

- Increased user interaction rate by **32.5%** and average user time spent on the platform by **44%** through the development of efficient DOM manipulation algorithms and optimized components in **ReactJS**, creation of **REST API** endpoints in **PHP**, daily **presentations**, **communication** with the marketing team about user demands and needs, and **implementation** of solutions.

University at Buffalo | Full-Stack Developer — May 2020 - Feb 2021

- Successfully designed and implemented **user interfaces**, **accessibility** resources, and multiple in-site portals for the Computing for Social Good organization. Utilized **Bash scripting** to automate code deployment, resulting in a **65%** reduction in research publication process time. Created and **documented** website from the ground up.

PROJECTS & OPEN SOURCE ❤️

- **Continuity:** Developed an open-source web browser utilizing **JavaScript frontend** technologies such as **React Native** and **ReactJS**, as well as a **Python backend** utilizing **Flask**, **Bcrypt**, **Websockets**, and **MongoDB**. This browser is capable of seamlessly synchronizing tabs across multiple devices in real time and have **accessibility** features.
- **Reactive:** Created an open-source, browser-based video editing tool using **ReactJS**, **ffmpeg** that reached 834 downloads on npm in a single day and is currently used & contributed to by various startups, universities, and open source projects.
- **Zeal:** Singlehandedly developed and launched a **full-stack** idea-sharing and teammate search platform using **ReactJS**, **axios**, **bootstrap**, and **SCSS**, **threading**, **scikit-learn**, **SciPy**, **Wikipedia-API**, and **Django**. This platform is currently used by over 100 students at the University at Buffalo and Blackstone Launchpad for their entrepreneurship team events.
- **Browser-Annotator:** Open-source browser extension made with **Fabric.js** and **html2canvas** libraries that allows users to share and annotate webpages within their browser.
- **Draco:** Open source **full-stack** browser extension utilizing **Websockets** and **Express.js** to educate users on **data privacy**.