

# Prakshal Jain

Front End Engineer



prakshaljain422@gmail.com



Prakshal-Jain



prakshal-jain-profile



+1 (716) 730-0312

## EDUCATION

- **University at Buffalo** — Bachelors in Computer Science  
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, Jekyll, PsychoPy, Git, MySQL, Linux, NLTK, SpaCy, Webpack, UI design/wire-framing and prototyping UIs
- **Interpersonal Skills:** Innovative, quick learner, creative, leadership, time-management, teamwork and management, problem-solving, and critical thinking

## EXPERIENCE



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

- Gained **91% of the mobile-based customers** of the total website visitors by **developing** and **integrating** embedded signup flow for the mobile site with the back end application.
- **Accelerated the company-wide mobile web development process time by 70%** by introducing an internal mobile **React** component library. This **boosted** the product launch timeline from 7 months to only 3.5 months, **amplified UI and code consistency**, end to end **Jest** testing, and served **code reduction**.
- Worked closely with UX designers and project managers to **refine** existing UI, documented **suggestions**, worked on **bug fixes**, created hooks for **GraphQL API calls**, added **Flow type checking**, and **reorganized** the existing codebase for a more efficient development process beyond the scope of my intern project.



### Stark & Wayne | Front End Developer Intern — Jan 2022 - May 2022

- Grew the customer base by **84% within 4 months** by developing and launching Genesis UI - a web interface to access deployment status in real-time.
- Supervised and **led a team of 3 full-stack developers** to build **React** components, ensure **data security**, improve **efficiency** and maintain software development best practices in an **agile development environment**.
- Improved customer satisfaction rate to **99%** by making recommendations and using the right up-to-date tools to **maximize efficiency**, incorporating **accessibility** features, and devising **creative solutions** to feature requests like QuickView favorite deployments, auto-updates, and so on.



### MemoryFox | Software Developer (Front End) Intern — May 2021 - Aug 2021

- Enhanced user interaction rate by **32.5%** and platform's avg. user time spent by **44%** by building efficient algorithms for **DOM manipulation**, building **responsive**, **reusable**, and **optimized** components in **ReactJS**, creating **REST API** endpoints in **PHP**, presenting daily **presentations**, **communicating** about user demands/needs with the marketing team, and **implementing** solutions.



### University at Buffalo | Front End Developer — March 2020 - May 2021

- Reduced research publication process time by **65%** by **designing**, **implementing** UIs, **documenting**, and **developing** the website, **accessibility** resources, multiple in-site portals, and **Bash** scripting to **automate** code deployment for the Computing for Social Good organization from the ground up.

Please see [my LinkedIn profile](#) for more work experiences and details

## COURSEWORK

Data Structures, Algorithms and Complexity, Web Applications, Systems Programming, Computer Organization, Artificial Intelligence, Software Engineering, Introduction to Microprocessors, Robotics Algorithms, Coding Theory

## PROJECTS & OPEN SOURCE

- **Continuity:** Created an open-source web browser using JavaScript (React Native, ReactJS) and Python (Flask, Cryptography, Websockets, MongoDB) that seamlessly synchronize tabs across multiple devices in real time.
- **Reactive:** Built an **open-source browser-based video editing tool**. Reached **834 downloads** in a single day. Currently used and contributed by several startups, universities, and many open source projects.
- **Zeal:** Singlehandedly developed and launched a **Full Stack** idea-sharing and teammate search platform made with **ReactJS** and **Django** for personal/academic projects, events, and startups. Currently used by **100+** students at University at Buffalo and Blackstone Launchpad for their entrepreneurship team events.
- **Browser-Annotator:** Created and **launched** an **open source** browser extension that lets users draw, highlight, share, and annotate any webpage. They can work collaboratively in real-time too. Reached over **698 downloads** in the first week.
- **Draco:** Collaboratively developed an open source browser extension with **frontend** and **backend** (full stack) to aware people of data privacy by showing how their important information can be hacked and used, and the corresponding preventive measures.

Please see [my GitHub profile](#) for more projects and details

## LEADERSHIP & AWARDS

- Elected as the **Vice President** and **Scholar** of **Tau Beta Pi** Honor Society (New York Nu Chapter) from the **top 1/8th** of my junior class based on my leadership potential, time management skills, and academic success.
- Honored with the **Dean's List Academic Excellence Award** for maintaining a 3.8 or above GPA for 6 consecutive semesters.
- Member of university **Honors College** based on participation in **extracurricular activities, clubs, and academic performance**.

## CAREER OBJECTIVE

My **goal** is to remain on the cutting-edge of advancements and make an **impact** on the world by simplifying tasks for users in **creative** and **innovative** ways.

I love working on the **front end** because it gives an artistic point of view and abstracts the complexity hidden underneath. I have been working on **designing, prototyping, and implementing user interfaces** for over 5 years with multiple industry-level work experiences. The UI/UX is so important because it is one of the first things that help customers emotionally connected to a product/company.

I love a **fast-paced work environment** and **challenges**, meet bright and smart people, learn new skills and technologies, bring the best user experience to the customers, and use my skills to positively impact the world every day.