

KRITARTH DANDAPAT

Front-End Developer, [GitHub](#), [LinkedIn](#) • +1 (716) 612 0016 • kritarth@buffalo.edu

Objective:

Self-driven and highly motivated Front-End Developer (mid – Back End) with a robust foundation in computer science. Eager to contribute expertise in both front-end and back-end technologies, including React, JavaScript, Supabase, and Firebase, to drive innovation in projects and elevate user experiences. Seeking opportunities to collaborate on cutting-edge solutions that seamlessly integrate both frontend and backend components.

Education:

University at Buffalo Honors College

Bachelor of Science in Computer Science (Expected Graduation: May 2027)

Presidential Scholarship - \$15,000 per annum

GPA: 4.0

Skills:

- **Programming Languages:** Python (Proficient), Java, JavaScript (Proficient), HTML/CSS
- **Technologies:** React, Node.js, Express, Supabase, Firebase, Tailwind CSS, Figma, SQLite, MySQL, PostgreSQL, MongoDB, Git/ Git-Hub

Projects:

Path Finding Visualizer using A* Algorithm:

- Constructed a Path Finding Visualizer with Python and Pygame, showcasing the A* search algorithm's implementation to facilitate interactive pathfinding visualization on a customizable grid-based interface.
- Illustrated expertise in Python programming by developing a user-friendly graphical interface, highlighting skills in algorithmic problem-solving, GUI design, and responsive application development.

Wild Oasis - Hotel Management Software:

- Developed a responsive Hotel Management Software using React, Redux, Styled Components, React Query, and Integrated Supabase for backend operation. Implemented modern UI/UX design, optimizing user experience, and facilitating seamless hotel management operations.

UB Hacking - Classifier Web App:

- Co-developed Classifier (<https://ubclassifier.web.app/>) during a hackathon, spearheading back-end, and database construction. Contributed to crafting an intuitive front-end interface using ReactJS, MUI, and CSS.

Experience:

Founder and Project Leader, UB NSDC (National Student Data Corps) (October 2023 - Present)

- Co-developed the NSDC website and assumed the role of Project Leader, overseeing comprehensive event planning and coordination of meetings.