

Zaid R. Kamdar

[github](#) | [portfolio](#) | [linkedIn](#) | zkamdar0908@gmail.com | (704) 915-1801

EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC

Aug 2021 - May 2025

B.A. in Computer Science, Minor in Data Science

- GPA: 3.7, Major GPA: 3.83
- Dean's List: Fall 2022 - Spring 2024

WORK EXPERIENCE

ADVANTIS Solutions – Durham, NC

May 2023 – Aug 2023

Software Engineer Intern

- Reduced manual data processing time by 25% by automating data integration workflows using Python scripts, interfacing with REST APIs and SQL databases to improve accuracy.
- Improved decision-making speed by 15% through the development of a real-time analytics dashboard using React and Node.js, enabling clients to visualize key performance metrics and gain actionable insights.
- Reduced unauthorized access incidents by 10% by implementing secure authentication and authorization features using OAuth 2.0 and JWT, significantly enhancing the security of client applications.
- Achieved a 95% client satisfaction rate by overseeing the product lifecycle of software projects from initial concept to final delivery, ensuring design specifications met client requirements and industry standards.

Finally Free Productions – Levittown, NJ

May 2022 - August 2022

UI/UX Design & QA Intern

- Improved user experience by 35% by developing interactive prototypes and user flows in Figma, which streamlined navigation and enhanced usability for key web and mobile applications.
- Identified and documented over 15 bugs through rigorous software testing and quality assurance processes, ensuring that all products met high-quality standards before release, which reduced post-launch issues by 40%
- Enhanced product usability and accessibility by collaborating with developers to implement user-centered design changes based on feedback from usability testing sessions, resulting in a 10% increase in user engagement.

PROJECTS

Life Score (*React, Next.js, Clerk, Tailwind CSS, MongoDB*)

- Developed a dynamic habit tracking application using React and Next.js, designed to help users set, track, and analyze their daily habits, with a focus on providing a seamless and intuitive user experience.
- Integrated Clerk for secure user authentication and MongoDB for scalable data storage, ensuring robust user data protection and supporting future scalability for growing user bases.
- Implemented a data visualization dashboard using the Recharts library, providing 6 interactive charts and graphs to enable users to easily monitor and understand their habit progress over time.

CS Experience Lab Project @ UNC Chapel Hill (*Angular, TypeScript, FastAPI, Python, SQL, PostgreSQL*)

- Led development of a full-stack Pomodoro timer, implementing 2 Agile sprints and reducing build time by 5%, and implementing CRUD operations to enhance productivity tools.
- Directed the creation of a full-stack news feature, implementing 3 Agile sprints, leading a team of 4 to develop operations enabling users to access, filter, and manage news articles based on posts from admins, and admins to create, edit, and delete news posts, thereby increasing user engagement and content relevance.
- Facilitated 5 total Agile sprint planning and over 15 code reviews to maintain high code quality, using Git for version control and collaboration among team members, ensuring timely delivery of project milestones.

Algorithm Visualizer (*React, JavaScript, CSS*)

- Developed a web application using React to visually demonstrate over 5 algorithms like Dijkstra's and merge sort, providing an intuitive frontend interface.
- Built interactive visualizations to simplify complex algorithmic concepts, enhancing users' understanding and learning experience.

LANGUAGES & TECHNOLOGIES

Languages: Python, Java, JavaScript, TypeScript, SQL, R, Bash, HTML, CSS

Technologies: React, Angular, Next.js, Node.js, Flask, Git, GitHub, Docker, Tailwind, Clerk (OAuth), PostgreSQL, MongoDB