

Kanishk Shedsale

Computer Science graduate student

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SUMMARY

As a computer science student and a self-taught programmer with a passion for web development, I am seeking opportunities to apply my knowledge and skills, and work with like-minded people to make a positive impact in the world using code.

SKILLS

Languages: JavaScript (ES6), Python, HTML, CSS

Frameworks: React, Next.js, Redux, Node.js, Express.js, TailwindCSS, SASS, Bootstrap, jQuery, Mocha, Chai

Tools: MongoDB, MySQL, PostgreSQL, Firebase, Vercel, Docker, Git, Linux, AWS EC2, S3, SQS

EDUCATION

NJIT, M.S. in Computer Science (GPA: 3.85)

Sep 2021- May 2023

Coursework: Software Design & Production Methodology | Cloud Computing | Web Systems Development |

Data Management & System Design | Cryptography & Security | Security & Privacy in Computer Systems |

Operating Systems Design | Data Structures & Algorithms | Internet & Higher Layer Protocols | Information System Principles

EXPERIENCE

Teaching Assistant

Sep 2022- Dec 2022

NJIT (CS630 - Operating Systems Design)

Newark, NJ

- Worked closely with the course instructor to ideate & design lab assignments for linux kernel programming
- Guided students during lab assignments related to building linux kernel and writing simple kernel modules
- Helped students in homework problems related to OS concepts such as scheduling, memory management, deadlock, and paging, etc

Frontend Developer

Oct 2020- Aug 2021

Vidushi Infotech SSP

Pune, India

Frontend Developer

- Collaborated with teams across design, tech, in a fast-paced startup environment
- Developed, documented and maintained code for in-house and client websites using **HTML**, **CSS/SASS**, **JavaScript**, **Bootstrap**, and **jQuery**
- Tested sites in various browsers and devices to ensure cross-browser compatibility and responsiveness

PROJECTS

[LinkedIn Clone](#)

Set up authentication using **Firebase**, and built a **React** app, for login, register, creating/updating profile, adding profile picture, creating/updating/deleting posts, liking and commenting, adding connections, and user search functionality.

[ChatGPT - Clone](#)

A clone of the popular AI chatbot ChatGPT built using **React**. It uses the **OpenAI API** to generate responses to user messages for a variety of topics like Q&A, Grammar correction, bug fixer etc.

[SkyCast](#)

A simple weather application built with **React & Semantic UI** react library. Retrieved the current weather and forecast data like temperature, humidity, sunrise, and sunset from the **OpenWeatherMap API** based on the user's location.

[Portfolio](#)

Personal portfolio website built using **Next.js**, and **TailwindCSS**, and deployed on **Vercel**.

Certifications

[FreeCodeCamp Backend Development and APIs Certification](#) - Built [Timestamp Microservice](#), [Request Header Parser Microservice](#), [URL Shortner Microservice](#), [Exercise Tracker](#), [File Metadata Microservice](#), and got all automated test suites to pass.