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.

EDUCATION

NJIT, M.S. in Computer Science (GPA: 3.85)   Sep 2021 - May 2023

Coursework:

Software Design & Production Methodology | Cloud Computing | Web Systems Development |
Completed: Data Management & System Design | Cryptography & Security | Security & Privacy in Computer Systems|
Operating Systems Design | Data Structures & Algorithms | Internet & Higher Layer Protocols | Information System Principles

SKILLS

Languages: JavaScript (ES6), Python, C, C++, HTML, CSS
Frameworks: React, Next.js, Redux, Node.js, Express.js, Mocha, Zombie.js, TailwindCSS, SASS
Tools: MongoDB, PostgreSQL, Firebase, Vercel, Docker, Git, Linux, AWS EC2, AWS S3

PROFESSIONAL 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, and product in a fast-paced startup environment
- Developed, documented and maintained code for in-house and client websites using **HTML, SCSS, Bootstrap, JavaScript 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.

Exercise tracker

This project is a part of FreeCodeCamp's Back End Development and APIs certification. It is a simple web application that allows users to create an account, log exercises, and track their exercise progress. It is developed using **Node.js, Express**, and **MongoDB.**

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.