

Kanishk Shedsale

Software Developer

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SUMMARY

Hi there! My name is Kanishk and I'm a Full Stack Developer with 3 years of software development experience. As a recent CS grad and self-taught programmer with a passion for web development, I'm seeking opportunities to transform the world by making a positive impact with modern leverage tools like, code and media and to work with and learn from industry leaders. Proficient React, SASS, Node.js, Express, MongoDB/MySQL/Postgres, AWS S3/EC2/SQS, Docker, Git, and Linux.

- Experience developing and documenting code for reliable, maintainable, and scalable web applications that run in the cloud.
- Excellent understanding of algorithms, data structures, performance optimization techniques.
- Ability to investigate and debug problems if/when they occur across multiple code bases.
- Start-up-comfort: Experience wearing many hats in a fast-paced environment, willing and eager to learn and design new technologies, flexible in approach.
- Structured thinker, effective communicator with the ability to contribute to design dialogues as well as initiate questions to achieve clarity when needed.
- Experience in gathering business requirements and communicating with stakeholders and management.
- Experience collaborating with cross-functional teams from Design to Development.
- Experience actively participating in every stage of Software Development Life Cycle and Agile methodologies.

EDUCATION

Master of Science in Computer Science (GPA: 3.85)

Sep 2021 - May 2023

New Jersey Institute of Technology

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

Bachelor of Technology in Information Technology

Jun 2016 - Sep 2020

DKTE's Textile & Engineering Institute

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 & homework related to building Linux kernel and writing simple kernel modules.

Frontend Developer

Oct 2020 - Aug 2021

Vidushi Infotech SSP

Pune, India

- Developed, debugged, documented, and maintained code for in-house and client websites using **React, & SASS**.
- Collaborated with teams across design and tech, in a fast-paced **startup** environment.
- Followed an **agile** approach, while communicating with stakeholders, participating in daily scrums.
- Tested sites in various browsers and devices to ensure cross-browser compatibility and responsiveness.

SKILLS

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

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

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

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.

[Portfolio](#)

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

[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.

[Sorting Visualizer](#)

This project is an attempt to help in learning popular sorting algorithms by visualization to help students to understand the working of sorting algorithms, check total swaps, comparisons, and time taken. It is built using **React**, and **Styled Components**.

Certifications

[FreeCodeCamp Backend Development and APIs Certification](#)

As part of this certification, built [Timestamp Microservice](#), [Request Header Parser Microservice](#), [URL Shortener Microservice](#), [Exercise Tracker](#), [File Metadata Microservice](#) and got all automated test suites to pass.