

EDUCATION

New Jersey Institute of Technology – Ying Wu College of Computing

Bachelor of Science in Information Technology; Mobile & Web Minor

Newark, NJ

Class of 2024

- Cumulative GPA: 3.6
- Achieved Dean's List all semesters
- Relevant Coursework: Building Web Applications, Introduction to Website Development, Database Design Management and Application, E-Commerce Technology, Internet Applications, Adv Website Development, Designing the User Experience, Analysis & System Design, Ethical Hacking For System Admins

PROJECTS

Reask Bank

Full Stack Banking Application

- Developed a full-stack web application using ReactJS and Flask, serving as a banking application that allows users to log in, make deposits/withdrawal, and view transactions.
- Implemented React Router and ChakraUI for front-end routing and UI design, respectively.
- Designed and implemented a secure authentication system using Flask-Login.

CVKraft

Resume Builder Web Application

- Innovated the design and implementation of a web application that generates personalized resumes, providing users with an effortless and seamless experience.
- Conceptualized and developed the application's frontend with HTML, CSS, and React, streamlining the process of generating quality resumes.
- Ensured a high level of usability and user satisfaction by rigorously testing and refining the user interface.

React-Flask-Youtube-DL

Web Application for Downloading from Youtube

- Designed and developed a highly functional web application for downloading YouTube videos using ReactJS for the frontend with Python Flask and NodeJS for the backend.
- Created an intuitive interface with a user-friendly design and responsive layout to enhance the user experience.
- Integrated third-party APIs and libraries to ensure seamless functionality and efficient video downloading.

Quizard

Interactive Quiz Platform

- Engineered a web application for creating custom quizzes, sharing with friends, and tracking user performance, utilizing React, React Router, ChakraUI, and Python Flask for a rich and intuitive user experience.
- Implemented multiple question types and varying difficulty levels, allowing users to tailor quizzes to their preferences.
- Integrated responsive design to optimize the application for different devices and ensure a seamless user experience.
- Employed Playwright for testing and automation, ensuring the platform's reliability and functionality across various browsers.

LEADERSHIP

Phi Sigma Kappa Fraternity

New Member Inductor

Newark, NJ

Feb 2022 – Current

- Developed and executed an Associate Member Education Plan, leading to increased member engagement and retention.
- Facilitated weekly associate member meetings, fostering a sense of community and collaboration.
- Formulated and managed event budgets, ensuring efficient use of resources and maximizing the number of events hosted.

KEY SKILLS

- Expertise in web programming languages including HTML, JavaScript, PHP, and CSS for building and optimizing web applications.
- Proficiency in JavaScript frameworks like React for streamlined development of intricate web applications.
- Versatile in modern programming languages such as Python, C++, C#, and Java
- Proficient in DevOps tools like Docker and Git for effective deployment and maintenance of web applications.
- Proficient in using Docker Compose for container orchestration, enabling seamless deployment and testing of web applications.
- Acquainted with RESTful APIs and web services integration.
- Adept at upgrading and maintaining web applications for optimal performance.
- Strong analytical and troubleshooting abilities for efficient resolution of technical issues.
- Experience in utilizing Bootstrap, Tailwind, and other libraries for creating responsive and user-friendly web applications.
- Skilled in web and server frameworks/libraries such as Flask, Django, and Express for efficient development of complex web applications.
- Well-versed in command-line interfaces and Unix-based operating systems
- In-depth knowledge of Agile software development methodologies
- Experienced in using Playwright for developing comprehensive end-to-end tests for web applications, ensuring quality and reliability across multiple browsers and devices.
- Proficient in Next.js for server-rendered React applications, improving performance and SEO capabilities while maintaining a seamless user experience.