Nekruz Ashrapov

US CITIZEN

Portfolio: my-portfolio-nekruz-ashrapovs-projects.vercel.app
LinkedIn: linkedin.com/nekruzash
Mobile: +1 (929) 554-0055
Email: ashrapnz@mail.uc.edu

EDUCATION

University of Cincinnati   **Expected Graduation: May 2027**

Bachelor of Science in Computer Science   **GPA: 3.26/4**

SKILLS

FRONT-END DEVELOPMENT| HTML • CSS • JavaScript • ReactJS • NextJS • Tailwind CSS

BACK-END DEVELOPMENT| Express • NodeJS • MongoDB

MISCELLANEOUS|GIT • C • C++ • Python • LabVIEW • MATLAB • VBA • Microsoft Office

PROJECTS

FORUM WEBSITE   **May 2020 – Dec 2023**

- Developed a responsive forum website, a clone to Reddit with server rendering enabling users to sign up and login with existing accounts.
- Built a back-end server with MongoDB cloud database to store user account data and implemented Bcrypt algorithm to hash and encrypt user passwords to a 24-byte hash string remaining resistant to brute force attacks.
- Integrated scalability and response time for server resulting in user registration request time to be less than 3ms.
- **Tech:** Express • JavaScript • CSS • MongoDB • NodeJS • Bcrypt

PORTFOLIO WEBSITE   **Nov 2023 – Dec 2023**

- Designed and crafted a highly responsive website using NextJS framework with ReactJS ensuring optimal user experience across all devices and screens.
- Employed Tailwind CSS to create a visually appealing and adaptive layout achieving up to 95% reduction in stylesheet weight and optimizing code distribution to ensure an efficient web experience for users.
- Leveraged NextJS server-side rendering to optimize performance and prioritize lazy loading for content achieving an overall score of 94% in Google Lighthouse.
- Integrated a functional contact form with smart form validation and back-end emailing platform to enable communication.
- **Tech:** JavaScript • Tailwind CSS • ReactJS • NextJS

QUIZGEN AI – Hackathon   **Nov 2023 – Dec 2023**

- Worked collaboratively in a team to compete in a pool with 70 other groups to design and build a tool for students and teachers enabling users to generate quiz questions with user given text using Cohere AI API and JavaScript.
- Utilized JavaScript to fetch back-end AI API resulting in reading user input text and processing content to create relevant quiz questions.
- Established a balanced approach between ideation, development, and refinement, ultimately maximizing productivity in a 24-hour time-constrained environment.
- **Tech:** JavaScript • HTML • CSS • Cohere AI

WORK EXPERIENCE

Zips Carwash, *Customer Service Associate*   **Jul 2023 – Aug 2023**

- Guided an average of 50 customers per day while operating a $400,000 machine ensuring a smooth experience.
- Delivered and sold premium wash packages, contributing to a 17% increase in sales during a quarter.
- Processed payments and explained wash packages to approximately 30 customers daily, maintaining a high satisfaction rate of 95%.

CERTIFICATIONS/ACTIVITIES

Google: IT Support Professional Certificate   **Apr 2023 – Aug 2023**

Institute of Electrical and Electronics Engineers, *General Body Member*   **Sep 2023 – Present**

- Fostered a supportive environment for developers, engineers, and scientists on campus and spread of new technology information, cultivating positive and safe spaces for collaboration and knowledge exchange.

Available for Summer 2024