

Nekruz Ashrapov

US CITIZEN

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EDUCATION

University of Cincinnati

Expected Graduation: May 2027

Bachelor of Science in Computer Science

GPA: 3.26/4

Coursework: Data Structures, Computer Systems, Python Programming, Information Security

SKILLS

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

BACK-END DEVELOPMENT | Express • NodeJS • MongoDB • Firebase

MISCELLANEOUS | GIT • C • C++ • Python • LabVIEW • MATLAB • VBA • Microsoft Office • Bilingual (Russian and Persian)

PROJECTS

PORTFOLIO WEBSITE

Nov 2023 – Jan 2024

- 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

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

QUIZGEN AI – Hackathon

Nov 2023 – Dec 2023

- Collaborated 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 and JavaScript
- Increased productivity and efficiency by 45% during studying and test preparation for final exam week
- 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 the 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