Elven Li

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EXPERIENCE

Full-Stack Developer *New York, NY*
InkWorks Printing Inc. *January 2025 - Present*
- Developed a responsive e-commerce platform using React, Redux, and Tailwind CSS, enabling users to design and customize apparel while ensuring a smooth user experience, accessibility, and SEO optimization.
- Integrated Stripe API for secure payment processing, enhancing transaction efficiency and user trust.
- Designed and managed a MongoDB database with 200+ product listings, ensuring efficient data organization, fast retrieval, and scalability.
- Built and integrated RESTful APIs to handle user interactions and custom design operations efficiently.
- Implemented a CI/CD pipeline using GitHub Actions as part of a DevOps workflow, automating testing, building, and deployment processes.

IT Intern *New York, NY*
Manpower Demonstration Research Corp *July 2024 - August 2024*
- Provided technical support for system, software, and hardware issues, utilizing Ivanti ITSM to track, prioritize, and resolve 200+ support requests in accordance with defined SLAs, ensuring efficient issue resolution.
- Performed maintenance on 50+ laptops, including diagnosing issues and replacing faulty components.
- Diagnosed and resolved end-user hardware and software issues for laptops, desktops, printers, and peripherals, improving system uptime and customer satisfaction.
- Participated in the onboarding process for old/new hardware and software rollouts, including the reimaging, configuration, and deployment of Windows machines across departments.

PROJECTS

Blackjack Lab - *May 2025 - Present*
- Created a full-stack Blackjack training tool using Next.js, allowing users to improve gameplay.
- Integrated a PostgreSQL database hosted on Neon to store user data, track gameplay history, and persist customized settings across sessions.
- Designed a game review system allowing users to analyze past rounds, visualize decision accuracy, and refine their strategies based on historical performance.

GeoCraft - *geocraftmaps.azurewebsites.net* *August 2023 - December 2023*
- Developed a MERN web app hosted on Azure, that allows users to create and share informative maps graphics.
- Implemented a responsive, user-friendly interface using Bootstrap and custom styles with Sass.
- Created and managed multiple data schemas with Mongoose for user profiles, geographical data, and edit histories, ensuring efficient and secure data organization and retrieval.
- Utilized Git for version control with branching, merging strategies, and CI/CD integration to streamline development and automate deployments.

EDUCATION

NPower - *Networking and Systems Administration Course* *September 2024 - Present*
Certifications: CompTIA Linux+ | CompTIA Network+ | Microsoft Azure Fundamentals | Azure AI Fundamentals

SUNY Stony Brook University - *B.S. Computer Science* *August 2020 - May 2024*
Relevant Courses: Data Structures | Computer Networks | Web Dev. | Algorithms | Data Science | Machine Learning

SKILLS

Programming Languages: Python, Java, JavaScript, C, HTML, CSS, MIPS, OCaml
Languages: English (Native), Mandarin (Intermediate)
Full-Stack & Frameworks: MERN (MongoDB, Express, React, Node.js), Redux, Tailwind, Material UI, Sass, API
Cloud & Deployment: Azure, Firebase, Render
Development Tools: Git, VSCode, Postman, VirtualBox, Jest, Cypress, GitHub Actions
Other: Office 365, Google Suite, Powershell, Windows, Figma, Monday, Ivanti ITSM, Okta