

PRANJALI SACHAN

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OBJECTIVE

I aim to apply my skills in front-end development, UI/UX design, and cybersecurity practices to create secure and user-friendly digital experiences while growing in a dynamic role. I am flexible with travel and relocation.

EDUCATION

Master of Science in Information Technology - August 2024, GPA 3.62

Franklin University, Columbus, OH

Coursework: Programming Foundations, Database Management, Web Development & Deployment, Network Cloud & Systems Management, Information Assurance & Risk Management, Advanced Network Security, Ethical Hacking, IT Strategy & Policy, Project Management.

PROJECTS

1- Node.js Web Application with Security Integration - Franklin University, OH (Oct 2023 - Dec 2023)

Developed a Node.js web application utilizing Express.js framework and achieved XSS vulnerabilities, injection attack mitigation, and secure session management. Encrypted data transmission using HTTPS protocol and deployed the application on a PaaS supplier along with testing to fix security flaws and guarantee peak performance.

2- Web application using React.js, Node.js, PostgreSQL, Yelp Fusion API & LocationIQ

Developed a full-stack web application to search for neighborhood businesses. Used LocationIQ to geocode & reverse-geocode user's location and fed it to Yelp's Fusion API to search for businesses. Added search by keyword and filter capabilities to refine search results. Achieved performance improvements & monitoring by caching the results and API call stats in PostgreSQL. Built the backend as a Node.js microservice and UI using React.js, Tailwind, and Fluent UI.

3- Dynamic HTML page using vanilla JavaScript & CSS

Built a dynamic LinkedIn profile page clone with the capability to edit information in different sections.

SKILLS

React.js, Angular, HTML, CSS, MySQL, AWS, NIST Cyber Security Framework, SIEM, IDS/IPS, Vulnerability Assessment, Malware Analysis, Network Security, Firewall, Antivirus, SOC, Compliance Frameworks, Network Troubleshooting, Identity & Access Management (IAM), Linux, UI/UX, Figma, Adobe XD, Photoshop, Agile, GitHub, GitLab.

PROFESSIONAL EXPERIENCE

Junior Software Developer

Rumzer LLC (Nov 24 – Present)

- Designing and developing dynamic and responsive web pages using Angular and Tailwind CSS for modern, scalable styling.
- Responsible for collaborating closely with stakeholders to create a visually appealing and intuitive UI/UX design that enhances user engagement and accessibility. Implemented component-based architecture in Angular, ensuring modularity, reusability, and ease of maintenance for long-term scalability.
- Developing secure web features, including form validation and data encryption, to safeguard user data and comply with privacy requirements.