**Traci Davis**

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**SUMMARY**

Cybersecurity Graduate and Freelance Software Developer with hands-on experience in web development and secure coding. Proficient in JavaScript, Python, React, and Node.js, with a strong focus on AI-driven data projects. Proven track record of building real-world applications such as PhishShield AI and ZenMood.

**SKILLS**

**Languages**: JavaScript, Python, Bash, TypeScript  
**Frameworks**: React, Node.js  
**Tools**: Wireshark, Git, AWS, Nmap, Nessus, Metasploit  
**Development Practices**: REST APIs, Agile Development, Data Annotation, Secure Authentication

**WORK EXPERIENCE**

**Turing** *Jan 2025 - Present*

*Software Developer Remote*

* Developed **REST APIs** using **Node.js** to enhance application functionality and improve user experience.
* Implemented **Agile Development** methodologies to streamline project workflows and increase team productivity.
* Utilized **Wireshark** and **Nmap** for network analysis and security assessments to identify vulnerabilities.
* Conducted security testing with **Nessus** and **Metasploit** to ensure application integrity and compliance with security standards.
* Created data annotation tools in **Python** to support machine learning projects and improve data accuracy.
* Maintained version control using **Git** to manage code changes and collaborate effectively with team members.
* Developed user interfaces with **React** to create responsive and engaging web applications.

**DataAnnotation** *2023 - Present*

*Software Developer Remote*

* Developed **REST APIs** using **Node.js** to enhance application functionality and user experience.
* Implemented **Agile Development** practices to improve team collaboration and project efficiency.
* Conducted security assessments utilizing **Nmap**, **Nessus**, and **Metasploit** to identify vulnerabilities in systems.
* Analyzed network traffic with **Wireshark** to troubleshoot issues and optimize performance.
* Managed version control and collaboration through **Git** to maintain code integrity and streamline development processes.
* Engaged in **data annotation** to support machine learning projects, ensuring data quality and accuracy.
* Enhanced application security by integrating **secure authentication** methods into software solutions.

**Southern New Hampshire University** *Aug 2022 - Aug 2024*

*Cybersecurity Apprentice*

* Assisted in identifying and mitigating **cybersecurity threats** through hands-on training and practical exercises.
* Supported the development of **security protocols** and procedures to enhance organizational safety.
* Participated in **incident response** activities, helping to analyze and resolve security breaches.
* Collaborated with team members to conduct **vulnerability assessments** and recommend improvements.
* Engaged in ongoing **security awareness training** for employees to promote best practices.
* Documented findings and generated reports to provide insights on **system vulnerabilities** and potential risks.
* Monitored **network traffic** and analyzed logs to detect suspicious activity.

**PROJECTS**

**ZenMood, https://replit.com/@traci1003/ZenMood**  [ZenSpace](https://de353c87-d456-4a15-aa68-80830856703a-00-3idrnl0t3du2w.riker.replit.dev/auth) *Apr 2025 - Present*

* Developed a **mental health tracking application** to monitor user well-being and mood patterns.
* Implemented **data visualization techniques** to present user insights effectively.
* Analyzed user data to identify trends and provide recommendations for **mental health resources**.
* Ensured compliance with **privacy regulations** to protect user information.

**PanicSwipe, https://replit.com/@traci1003/PanicSwipe**  [PanicSwipe](https://6c9b4328-3751-4a62-be93-e80eb6fcbdd0-00-2exqv3thrsf8j.kirk.replit.dev/) *Apr 2025 - Present*

* Developed **stealth mode** to hide the app from the app drawer for discretion.
* Implemented a **panic gesture system** for quick emergency triggering through customizable gestures.
* Created a **password trap** feature that provides a dummy phone version for enhanced security.
* Established **vault mode** for secure file and image storage.
* Designed a **timed panic** feature to schedule automatic panic activation.
* Introduced **decoy screens** with multiple options to disguise the app.
* Launched a **progressive web app (PWA)** to enable installation on mobile devices for an app-like experience.
* Enhanced **accessibility features** including keyboard shortcuts and visible trigger zones.

**CyberAlarmShield, https://replit.com/@traci1003/CyberAlarmShield**  [CyberAlarmShield](https://1f29e15b-2391-4d1d-bead-3fb643e4b216-00-d5m90hpu8jz9.riker.replit.dev/alarm) *Apr 2025 - Present*

* Monitored **endpoint alerts** in real-time through **REST API**.
* Displayed alarm entries by **time**, **user**, **ID**, and **message**.
* Utilized for simulating **penetration testing** or **active cyber defense**.
* Developed **TypeScript** backend using **Express** and **TSX** routing.
* Created a **modular** and **scalable structure** for integration into various stacks.
* Designed a **simple**, **responsive frontend** for embedding in **dashboards** or using in **educational demos**.

**PhishShield AI, https://replit.com/@traci1003/PhishShieldAI**  [PhishShield AI](https://phish-shield-ai-traci1003.replit.app/history) *Apr 2025 - Present*

* Utilized **Perplexity API** to analyze messages and links for potential threats.
* Supported **email, SMS, and social media platforms** for multi-channel protection.
* Identified **phishing attempts** in real-time before users clicked risky links.
* Developed a **flexible plugin architecture** to extend protection to various communication channels.
* Ensured **cross-platform availability** for iOS, Android, and Web platforms using Capacitor.
* Offered **subscription tiers** including Basic (Free) for core phishing detection, Premium ($7.99/month) for enhanced protection with social media integration, and Family ($14.99/month) for protection of multiple users.

**EDUCATION**

**B.S. in Cybersecurity** *2022 - 2024  
Southern New Hampshire University***, 3.07**

**CERTIFICATIONS**

**Google Certificate - IT Support** *Coursera*

**Google Certificate - Data Analytics** *Coursera*