Sagar Karki

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EDUCATION

University of Louisiana at Monroe　　　　　　　　　　　　　　　　　Monroe, LA
Bachelor of Science in Computer Science (Honors)　　　　　　　　*Aug 2021 – May 2025*

SKILLS

Languages: Python, Java, JavaScript, HTML5/CSS
Frameworks: React, Node.js, Express.js, Next.js, Flask, Tailwind CSS, Bootstrap
Tools and Platforms: Git/GitHub, Microsoft Azure, AWS, Cisco Meraki, Google Workspace, VS Code, PyCharm, RESTful APIs, Llama(AI/ML)
Libraries: Beautiful Soup, Selenium, Pandas, NumPy
Databases: SQL(MySQL), MangoDB, Firebase

EXPERIENCE

IT Technician (Intern)　　　　　　　　　　　　　　　　　　　Jan 2025 – Present
West Carroll Parish School Board　　　　　　　　　　　　　　　*Oak Groove, LA*

- Administer Google Workspace, managing 800+ devices and 1000+ accounts across 3 high schools.
- Deploy and monitor Cisco Meraki to oversee network performance, access points, and switches.
- Configure and support Securly Aware and Filter, Microsoft Office Administration (Work/School), and Verkada camera/sensor systems to maintain secure and compliant environments.

IT Support Specialist　　　　　　　　　　　　　　　　　　　Oct. 2018 – Present
University of Louisiana at Monroe　　　　　　　　　　　　　　　*Monroe, LA*

- Led a team of 5+ help desk professionals, managing an average of 900 monthly IT support tickets across main campus and three satellite locations.
- Deployed FOG imaging, configured Active Directory (AD), and automated software installations, improving system setup efficiency by 60%.
- Led a 72-hour recovery operation during a CrowdStrike outage, restoring over 95% of affected university system.
- Standardized technical documentation, reducing average ticket resolution time by 30%, minimizing repeat issues.

PROJECTS

StockSageLlama | *Python, Flask, MangoDB, LLama, React Vite*　　　Feb 2025 – Present

- Developing a web-based stock portfolio tracker to manage my investments and calculate daily profit/loss using Webull API.
- Implementing AI-driven predictive analysis using META's LLama to provide personalized investment insights, risk assessments, and future stock predictions based on real-time portfolio data.
- Designing a dynamic frontend with React and Tailwind CSS, displaying trade details and performance metrics with visual charts (Chart.js).

NSA Events | *React Vite, Node.js/Express.js, MySQL, GitHub*　　　Nov 2024 – Dec 2024

- Developed a full-stack event management app for an RSO, cutting reliance on external tools like docs, sheets, third-party sites by 80%.
- Implemented role-based access control with JWT and bcrypt, OTP-based user onboarding (NodeMailer), plus a RESTful API featuring rate limiting and input validation for secure operations.
- Maintaining the project's environment and delivery pipeline (Azure-hosted DB, GitHub), ensuring stable deployments.

Eyewitness Testimony | *React.js, Next.js, Firebase, GitHub*　　　Jan 2023 – Feb 2023

- Collaborated with a senior to develop a psychology survey platform for a university professor, testing decision-making and observational patterns across demographics.
- Implemented timed quizzes with embedded videos, Firebase for secure storage, and admin authentication, ensuring robust data integrity and streamlined user experience.