Sagar Karki

318-237-5063 | sagarkarki9731@gmail.com | linkedin.com/in/sagarkarki903 | github.com/sagarkarki903 | karki.vercel.app

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), MongoDB, Firebase

PROJECTS

StockSageLlama | *Python, Flask, MongoDB, LLaMA, React Vite* Feb 2025 – Present
- Developing a web-based stock portfolio tracker using the Webull API to provide real-time profit/loss updates.
- Leveraging META's Llama for AI-driven predictive analysis, offering personalized investment insights, risk assessments, and stock forecasts.
- Implementing a dynamic React frontend with Tailwind CSS and Chart.js for data visualization.

NSA Events | *React Vite, Node.js/Express.js, MySQL, GitHub* Nov 2024 – Dec 2024
- Developed a full-stack event management application for a student organization, reducing reliance on external tools by 80%.
- Developed secure authentication with JWT, bcrypt, and OTP-based onboarding (NodeMailer), alongside a RESTful API with rate limiting and input validation.
- Secured routes with rate limiting and input validation; handled environment and deployment (Azure-hosted DB, GitHub).

Eyewitness Testimony | *React.js, Next.js, Firebase, GitHub* Jan 2023 – Feb 2023
- Collaborated with a senior developer to build a psychology survey platform for a university research project.
- Created timed quizzes with embedded videos and Firebase-based secure data storage and admin authentication.
- Ensured robust data integrity and a seamless user experience through intuitive design and efficient frontend logic.

EXPERIENCE

IT Technician (Intern) Jan 2025 – Present
West Carroll Parish School Board *Oak Grove, 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. 2021 – 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, troubleshooting printers, scanners, networks, and software/hardware.
- 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 systems.
- Standardized technical documentation and trained student workers, reducing average ticket resolution time by 30%, minimizing repeat issues.

AWARDS

Most Outstanding Student Employee, ULM IT Department (First-ever recipient); Dean's List, ULM (Multiple years, 2021–2025); Upsilon Pi Epsilon Honor Society for Computing (Recognized for academic excellence).