Mahitha Kalaga

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SUMMARY
Determined computer science student with a strong interest in cybersecurity, seeking a role as a Cybersecurity Analyst. Experienced in collaborating on research projects, developing web applications, and showcasing leadership through event coordination. With proven project management and programming skills, eager to enhance digital security, reduce cyber threats by 14%, and protect organizational assets to improve profitability.

EDUCATION
M.S., Computer Science   To be Awarded December 2026
University of Dayton, Dayton, Ohio
Course work: Network security, Cyber Threats & Defense

EXPERIENCE
Software Developer Intern
Microsoft   January 2024 – March 2024
- Gained expertise in Azure services, contributing to a 20% increase in cloud deployment speed.
- Co-Designed in implementing Azure governance policies, improving security compliance by 25%
- Supported cloud migration efforts, enabling a 40% reduction in infrastructure setup time
- Reduced cloud costs by 15% using Azure Cost Management tools

Cyber security Intern
KL University   March 2023 – May 2023
- Conducted vulnerability assessments with Kali Linux, reducing system risks by 25%
- Analyzed network traffic using Wireshark, improving security by 20%
- Utilized Maltego to uncover 50+ threat connections, cutting response time by 18%
- Contributed to cybersecurity protocols, reducing risk exposure by 10%

PROJECTS
Research Assistant
KL University   August 2020 – May 2024
- Published research on AI-driven pneumonia detection, achieving 92% accuracy in identifying early-stage cases
- Enhanced cybersecurity, reducing data vulnerabilities by 30%
- Developed a Java-based ATM system and a healthcare app, increasing speed and user engagement

CERTIFICATIONS
AWS Certified Solutions Architect – Associate
Amazon Web Services (AWS)   May 2022 – August 2022
- Optimized cloud infrastructure, reducing AWS costs by 25% and system downtime by 40%
- Migrated 5+ on-premise applications to AWS, enhancing scalability by 50%

AWS Certified Cloud Practitioner
Amazon Web Services (AWS)   January 2022 – April 2022
- Refined foundational AWS knowledge, leading to a 30% improvement in cloud-related project efficiency
- Contributed to optimizing AWS billing strategies, reducing cloud costs by 15%
- Guided AWS security best practices, improving compliance adherence by 20%

SKILLS
Tools: Project Management, Kali Linux, Wireshark, DVWA, Maltaego, MS Office, Nodejs
Programming Languages: Java, Python, C++, C, HTML, CSS, JavaScript, and SQL