Maulik Lamichhane

Baltimore, MD

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EDUCATION

Towson University | Towson, MD   *December 2024*

Bachelor of Science, Information Technology

EXPERIENCE

Application Developer, Freelance   *July 2020- Present*

- Provided support via telephone, email, and instant messaging, effectively resolving hardware, software, application, and network issues.
- Collaborated with network services and software systems to resolve core issues, escalating unresolved problems to higher support levels.

Volunteer for MD House of Delegate Harry Bhandari   *July 2022 - Present*

- Conducted door-to-door canvassing and distributed campaign materials, effectively communicating key messages to the community.
- Provided support at polling stations, engaging with voters, and assisting with the electoral process.

IT Department Member, Parbat Samaj America   *October 2024 – Present*

- Maintain and enhance the organization's digital presence, including website management and IT infrastructure support.
- Implement technical solutions to optimize communication and operations within the Nepali community.

PROJECTS

Virtual Machine Management   *Jan 2022- May 2022*

- Built and configured multiple Windows and Ubuntu VMs to streamline development and testing environments.
- Automated the installation of software packages, setup processes, and managed databases using various command-line tools, enhancing operational efficiency.

Cloud Services Integration   *August 2022- Jan 2023*

- Conducted extensive research and successfully implemented cloud services across AWS, Azure, and Google Cloud platforms.
- Deployed and managed security vulnerability scanning tools like Nessus to maintain robust security protocols.
- Utilized Splunk for log management and monitoring, improving system diagnostics and troubleshooting.
- Set up and managed help desk systems using Spiceworks, providing efficient IT support and ticketing solutions.

AWS EC2 Management   *May 2022- Dec 2023*

- Created, launched, listed, and terminated EC2 instances using AWS CLI, demonstrating proficiency in cloud infrastructure management.
- Optimized instance performance and cost efficiency through effective resource allocation and monitoring.

Azure Web Application Deployment   *May 2022- Jan 2023*

- Developed and managed Linux-based virtual machines and web applications using Azure CLI, ensuring high availability and scalability
- Implemented continuous integration and continuous deployment (CI/CD) pipelines to streamline application updates and maintenance.

SKILLS

- **Skills:** Strategic planning, logical thinking, collaboration, coding, well-versed in major programming languages (e.g., Python, Java, C++, JavaScript, SQL, HTML, CSS)**.**
- **Certifications:** AWS Foundations (2023)