**Sagar Acharya**

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| EDUCATION Coppin State University, MD  *Bachelor of Science Computer Science* 2017 – 2021  Nepal Polytechnic Institute, Bharatpur-10 *Diploma in Computer Engineering* 2011-2015  CERTIFICATIONS  MSP (Microsoft Student Partner) 2014 Conducting program on campus about the latest Microsoft programs, technology, tools in front of Students & Faculty Member.  Windows Server Virtualization with Hyper V 2014  PROJECTS  Jino: [NDA] Prototype the device for testing the functionality. Android App & Microcontroller.  Android App: [Wi-Fi Transfer] Personal project, working on play store approval for the account and apps. [2022] Web Dev & Hosting: Successfully acquired and registered domain names, set up VPS, designed, and hosted responsive websites for, [https://creativeconnectsmm.com/](https://creativeconnectsmm.com/developer)  [https://xpressremoval.com/](https://xpressremoval.com/developer)  LEADERSHIP SKILLS  Teacher, Mentor, Communication, Problem-solving, Delegation, Teamwork, Adaptability, Admin  LANGUAGES English:  Read/Write/Speak Nepali: Read/Write/Speak Hindi: Read/Speak | SKILLS   * Programming in Java, Python, C#, PHP * Programming microcontroller (Arduino, Particle Photon, ESP32) * Android Apps Development (Java) * Web Dev (HTML/CSS, JS, PHP, CodeIgniter, Web API, Drupal) * Maintain a personal Proxmox homelab with Nextcloud, Jellyfin, Gitea, pfSense, WireGuard, Virtual GPU(vGPU), Home Assistant etc. exhibit skills in virtualization, Linux Container(LXC), cloud storage, media streaming, version control, network security, Network Admin, etc. * Orchestrated VPS hosting with Virtualmin and Webmin for web hosting, System Admin. * Operating System Installation (Windows, Linux, OSX), Maintenance, Hardware Setup. * Proficient in operating and modifying 3D printers. * Skilled in Android modding and rooting * AI, Cloud Computing, Dev Ops, Machine Learning, * Microsoft Office Suites. * Vmware ESXi, Windows Server. * Git, Github, Gitea   Extra-Curricular Activities  HOUR OF CODE. Dec-2018  Hosted an event with help from ACM & ACMW Coppin. Introduction to Arduino and practical demonstrations of various sensors. EVENING CODE. Fall 2018  Discuss and solve different programming problems in group every Wednesday.  Association for Computing Machinery (ACM). 2019/2020 President of the ACM Coppin.  Golden Key Honor Society.  Vice President 2020 |