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| **JAKE MILLER**  Denver, CO 80220  [jake-miller@hotmail.com](mailto:jake-miller@hotmail.com), (651) 356-4981, <https://jmiller-io.github.io/> | |  |
| **SUMMARY**  Engineering solutions for technical challenges since 2009. I discovered my love for software development during my time as an IT Systems Engineer, when it became clear that the more architectural aspects of technology were the strengths I wanted to develop the most. Taking ideas and turning them into functional, elegant applications is my mission.  **EXPERIENCE**  **Technical Engineer | Windows Operations**, **CBS**,Hollywood 7/2016 – 10/2016   * Assists vendors and internal departments with Windows server hosted service migrations and upgrades * Ensures security policy compliance for the Windows environment by performing Operating System patching and application modernizations * Maintains infrastructure equipment inventory and manages hardware life-cycle * Performs data center management, including cable organization and hardware installation * Provides troubleshooting and advanced analysis of requests within the Windows 2000 – 2012 R2 environment   **Windows Systems Administrator**, **American Public Media Group**, LA, 1/2013 – 9/2016   * Architects and manages the Active Directory environment for a multi-site hierarchy * Assists in the architectural development and deployment of new installations and solutions in an ever-expanding VMware environment within a continuous improvement organization * Automates administrative tasks in AD, Office 365, Exchange Online and VMware with the use of PowerShell and PowerCLI * Designs and implements software deployments, updates, OSD and systems management solutions with the use of SCCM * Develops, installs, recommends purchases, implementations and configuration of Microsoft technologies and Infrastructure systems * Oversees the administration and operation of the physical server, telephony, networking and storage infrastructure, in data centers and offices geographically located around the country * Researches, evaluates and recommends new technologies to meet business requirements and contributes to long-range planning for systems evolution * Supports, upgrades and maintains media and broadcast related Microsoft servers and applications that are critical to the operation of the American Public Media Group automation and play to air systems in a 24x7x365 environment   **SIS Systems Administrator I**, **Infinite Campus, Inc.**,Blaine, MN, 7/2012 – 12/2012   * Assists with the testing and deployment of internal operations tools; contributes to increased customer service and efficient product delivery * Configures and installs a customer-purchased web application, and dependent software, to remote-access servers and maintains the internal system requirements for continued software delivery and use at the largest American-owned Student Information System provider * Executes timely XML code changes and Apache Tomcat upgrades to ensure continued functionality of the web application during a continuous product development cycle * Manages client database backup tasks through use of an internally-built tool; processes requested database restores and ensures the availability of client data * Performs SQL server database management, including any necessary script modification and execution   **IT Systems Specialist**, **Infinite Campus, Inc.**, 12/2010 – 9/2012   * Assisted with the assignment and upkeep of user security rights and mailing distribution groups in Active Directory * Configured communications equipment and user/device profiles in the software-based call-processing system utilized by the company (Cisco Unified CM) * Identified and repaired network-related issues using a network access control appliance * Performed installation, configuration, and maintenance of various hardware and software on both user workstations and data center servers * Planned, designed, built, tested and deployed SCCM 2012 infrastructure corporate-wide; created and deployed software packages, SCEP definitions, and Windows updates * Provided both live and remote-access technical support; repaired and maintained the software, hardware and network infrastructure used by the company’s 400+ employees * Served as the Help Desk team lead and managed the issue queue in the IT case system (JIRA)   **EDUCATION**  **Web Development Immersive,** General Assembly, LA, 3/2017  **Associate of Applied Science, Computer Networking**, Dunwoody College of Technology, Minneapolis, MN, 12/2010 | **Technical Skills**  JavaScript  jQuery/AJAX  MongoDB  Express.js  AngularJS  Node.js  HTML  CSS  RESTful APIs  Git/GitHub  AWS Storage (S3, Glacier)  Template Engines  PostgreSQL  Ruby on Rails  PowerShell  App-V  Enterprise Microsoft Technologies  VMware  Windows Server 2000- 2012 R2  Azure AD | |