

MICHAEL PURDUE

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SUMMARY

Accomplished IT professional with 18 years of experience ranging from website design and implementation to managing and supporting enterprise networks and applications with over 12,000 end users. Proven ability to cut costs. Skilled problem identifier and troubleshooter comfortable managing systems, projects, and teams in a range of IT environments. Experienced with 1:1 rollouts in K-12 environments for Google, Office 365, Windows, iOS, and Mac OSX. Extensive experience in leading project and department teams. Hybrid, edge, and multi cloud experience.

EXPERIENCE

Google Cloud Architect and SME, Booz Allen Hamilton

100% Remote — December 2020 - Present

Secret Security Clearance, Public Trust Security Clearance

Worked closely with teams from all branches of the organization on multiple investments as well as large client projects. Responsibilities included architecting and working within multi-cloud environments utilizing GCP, Azure, and AWS. Heavy focus on context-aware access, app protection, and other zero-trust policies.

Accomplishments and Duties

- Applied previous experience across multiple simultaneous projects and assignments.
- Authored white papers around Google products and Software as a Service with a focus on Beyondcorp Zero Trust and context-aware access.
- Provided governance and adoption recommendations and drafted relevant communications around Google shadow IT.
- Contributed to system architecture design and implementation on a multi team nine-figure contract.
- Worked to develop infrastructure as code plans for Azure, AWS, and GCP..
- Designed reusable Elastic-based performance analysis system for 5G networks and applications..
- Architected edge cloud solutions for AR/VR applications.
- Planning and orchestration of workload migrations.
- Architecting microservice adoption for existing enterprise applications.
- Researched and prepared a multi-access edge computing analysis of alternatives document for internal use.
- Ownership of a Google Cloud Yubikey identity lab and responsible for the creation of finalized documentation around standardized identity processes.

Senior Cloud Migration Engineer, Dito

100% Remote — March 2019 - December 2020

Worked closely with a cross-functional team of web developers and systems administrators, as well as a variety of both regional and international customers. Migration of data and users from source systems (Office 365, Dropbox, physical servers, etc.) to Google Workspace.

Accomplishments and Duties

- Worked with team members and clients to understand technical and business requirements.
- Developed robust technical solutions to meet requirements.
- Led deployment and configuration tasks within customer environments, working both individually and as part of a team.
- Participated in the development of detailed project specifications and effort estimates taking into account feasibility and design.
- Communicated status and technical items with customers and internal stakeholders.
- Identified areas of technical risk and propose different options for mitigating these risks.
- Supervised, ran, and worked on multiple projects at a time, with scales from a handful of accounts to several thousand.
- Worked to migrate legacy applications and servers into GCP environments.
- Utilized Cloud IAM, BeyondCorp, GCP Compute Engine, and other components of GCP in production environments.
- Streamlined Dito's GCP utilization, saving them an estimated amount over \$80,000 per year.

Information Systems Administrator, Greenville Technology Inc.

Anderson, Indiana — February 2018 - March 2019

Hybrid position as head of local I/S, network/system administrator, as well as performing basic tech support duties for all personnel at the plant.

Accomplishments and Duties

- Budget management.
- Automating tedious and repetitive tasks via Powershell, SQL, etc.
- Assisting I/S Engineer in policy making decisions.
- Assisting I/S Engineer with Powershell scripting.
- Troubleshooting with enterprise related issues.
- Responding to mission critical issues, such as the failure of the site file server.
- Designing, implementing, and managing servers in a hybrid virtual and physical environment.
- Manage local site firewall, VPNs, SANs, switches, etc.
- Manage local Active Directory, Group Policy, etc.
- Coordinating with multiple locations in resolving issues and performing company-wide I/S tasks.

Network Administrator, Yorktown Community Schools

Yorktown, Indiana — February 2017 - January 2018

Hybrid position as Director of Technology, network/system administrator, as well as performing basic tech support duties for approximately 5,500 end users and devices.

Accomplishments and Duties

- Migrated district to Windows 10
- Updated network infrastructure and replaced all network hardware
- Replaced third party solutions with open source solutions to save the district money
- Streamlined support process
- Worked with multiple vendors to procure the best options for the district
- Solved several major issues regarding security cameras, phone servers, etc.
- Managed all servers, firewalls, filters, etc.
- Streamlined software and infrastructure to save the district \$30,000 per year.

Assistant Network Administrator, Metropolitan School District of Martinsville

Martinsville, Indiana — 2016-2017

230 day position. Duties included providing Windows/Mac/Android/iOS administration, network troubleshooting and administration, and providing support for any and all technological needs across all buildings within the district.

Accomplishments and Duties

- Designed and implemented limited 1:1 solution for K-1 utilizing iPads
- Designed and implemented imaging solution for High Ability program Mac OSX devices
- Administered Google platform and manage Google 1:1 configuration
- Designed and implemented student import procedures to pull student information from SIS database directly into Active Directory and Google simultaneously
- Streamlined existing systems utilizing scripts, procedure rewrites, and targeted software upgrades
- Managed district iPads through Light Speed Mobile Device Management and Apple DEP
- This position shares responsibilities with the Network Administrator in a variety of different areas, including but not limited to: firewalls, routers, access points, network attached storage, and video applications.
- Assists in coordinating security related activities with the Information System Security Officer.
- Acts as consulting resource for building staff when purchase decision are being made, and relays information to appropriate staff and/or organizations for quotes.
- Attends meetings as required.
- Performs other duties as related to information computer systems and systems/database administration.

IT Support Technician, Metropolitan School District of Martinsville

Martinsville, Indiana — 2014-2016

230 day position. Duties included providing Windows/Mac/Android/iOS administration, network troubleshooting, and providing support for any and all technological needs across three buildings and a third of the school district's computing devices.

Accomplishments and Duties

- Implemented a successful power saving policy.
- Restored 210 laptops to prevent unnecessary cost and recycling.
- Enabled the utilization of machines previously marked as outdated through upgrades and selective software and policy deployment.
- Maintained and provided support to 1,077 iPads, laptops, and desktop computers.
- Managed an Active Directory domain of 8000+ users, computers, and groups.
- Managed deployments via System Center Configuration Manager and Apple Configurator.
- Active member of the high school Tech Committee and provided knowledge and advice regarding major technology decisions.
- Provided support during critical 1:1 deployment preparations.
- Maintained professional relations with vendors and obtained favorable pricing for several endeavors.

Systems, Network, and Database Administrator, Charitable Resource Foundation

Greenwood, Indiana — 2008-2009

Position began with basic network documentation. Previous IT walked out, so position transitioned to fulfilling multiple roles and working to rebuild undocumented systems.

Accomplishments and Duties

- Supervised and maintained 1,200 computers, multiple physical servers, across four locations.
- Successful implementation of remote policies allowing for all duties to be performed from a single office.
- Created ASP.Net and ASP 'Classic' scripts for Touchstar software. (VB/C#)
- Worked with Telemon Corporation to map out business rules and existing databases for a full transition.
- Creating training documentation, custom reports, etc, as necessary for improved performance.
- Worked to remove major bugs from existing databases (MSSQL 2003/2008)
- Maintained Touchstar systems via Server 2003, 2005, and 2008. Scripts hosted via IIS.
- Maintained Active Directory and Exchange accounts, group policy, etc.

EDUCATION

Ivy Tech Community College

A.A.S. - Computer Science — 2014

Technical Cert - Information Technology — 2013

Technical Cert - Java Programming — 2013

Certifications

CompTIA Project+ Certification

Google Cloud Certified Professional Collaboration Engineer

G Suite Deployment Services Specialist

Western Governors University

B.S. - Software Development — 2021

SKILLS

- System Management Software: SCCM, Server 2003/08/12/R2, FOG, Active Directory, Desktop Authority
- Database Administration: T-SQL, SQL Server 2000/2005/2008/R2/2012/2017
- Programming Languages, Automation, and Scripts: ASP.Net (C#/VB), Java, JavaScript, HTML/CSS, PHP, PowerShell, Python
- Website Development: LAMP (Linux/Apache/MySQL/PHP) Environment, Wordpress/Joomla!/Drupal CMS, IIS
- Specialized Administration Software: Dell Desktop Authority, Light Speed Management Console, KACE, Filewave
- Mobile Device Management: LightSpeed MDM, Meraki MDM, Apple Configurator, Google Administration Console
- Project Management: Infrastructure upgrades, server migrations, mass device imaging and deployment
- Enterprise Productivity Suites: Google for Business, Google for Education, Office 365, Sharepoint
- Firewall Management: Sophos, Sonicwall, Fortinet, CISCO/Meraki, Juniper
- Virtualization: VMWare, Hyper-V, Azure, GCP
- Team and project management across multiple environments, both in person and remote.
- Extensive experience with Google Workspace including management, deployment, migration, and automation.
- Cloud: Google, Azure, and AWS. Multi cloud, hybrid, and edge. SaaS, IaaS, IaaS.