Alex Haas

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Summary

Fearless, ultra productive, results driven, and curious: I've been building and hacking computers for over 27 years. Experience in Linux/Windows administration, software development (desktop, web), APIs, IT infrastructure, and TCP/IP networks helps me contribute to your IT mission cross-functionally.

Certifications

- RHCSA - Red Hat Certified System Administrator
- CompTIA Security+
- CompTIA Network+
- *Pursuing RHCE - Red Hat Certified Engineer*

Skills

Administer Linux and Windows, Full stack web dev: favorite backend is flask (Python), Bash/PowerShell/Python scripting, SQL (Microsoft, MySQL) and NoSQL (MongoDB), Software engineering, Network engineering, familiar with C++/C#/Java, Build (swagger.JSON) and use RESTful APIs, AWS: EC2/S3 buckets

Work Experience

Gainwell Technologies LLC
Sr. Professional App Designer (Software/Production Engineer) | 02/2022 – Present

- Software Engineer: Develop OCR (Optical Character Recognition) application using the ISL language (a subset of C) according to DHCS Medi-Cal's business requirements.
- Use PowerShell to script automation locally and across the AD Domain.
- Linux and Windows administration
- Architect, implement and manage Backup and Recovery solution for Medi-Cal OCR consisting of major changes to firewalls, network topology, physical/virtual server infrastructure, and technology (pioneered the implementation of ExaGrid servers for Gainwell).
- Troubleshoot applications, firewalls, servers and switches.
- Generate RESTful APIs between IT services.
- Generate and modify client-facing technical documentation.
- Work with client in order to generate business requirements for projects as well as address various client concerns. HIPAA awareness when designing IT solutions.

Teleautomation Inc.
Network Engineer | 10/2021 - 02/2022

- Install entire Network infrastructure: Ethernet cabling, firewalls, NVR, routers, servers, and switches.
- Troubleshoot the entire TCP/IP stack on cabling, routers, servers, switches, and workstations.
- SME for Bitdefender Gravityzone spanning multiple large hotels across Manhattan.
- Desktop Support for Windows and Microsoft applications.

Top Knobs / Watermark Designs | Brooklyn, New York
IT Support Specialist | 06/2021 - 09/2021

- Managed ticket based Help Desk.
- Performed data pre-processing using Python.
- Administrated a hybrid cloud spanning multiple company domains. Local Active Directory and Azure AD.
- Windows administration local and network.
- Application support

Education

Hunter College | New York, New York
B.A. Computer Science | 05/2021

-- Cum Laude
-- Advanced Coursework: Ethical hacking / digital forensics / advanced networking

University of Washington | Seattle, Washington
Psychology