GABRIEL CHANTAYAN

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TECHNICAL SKILLS

Languages: Node.JS, TypeScript, JavaScript, Rust, C#, Java, C++, Bash, PowerShell
Frameworks and Tools: React, Tailwind, Express, MongoDB, Docker, Kubernetes, Ansible, Next.JS
Systems: AWS, Windows Server, Red Hat Enterprise Linux, Git, Ubuntu Server, NGINX, Proxmox
Other: Software Development, System Administration, Operations, CI/CD, Front End, Back End

PROFESSIONAL EXPERIENCE

Contract Network/System Engineer, NBCUniversal through HNM Systems   Feb 2024 – Mar 2025
- **Oversaw deployment** and administration of Red Hat Enterprise Linux and Windows servers in a **first-ever implementation** to **support a multi-million-dollar ride system**.
- **Developed** a **suite of tools** in **TypeScript** to aid in performing **Site Acceptance Testing**.
- **Managed Active Directory** and **Kerberos** entries for **dozens of servers**, maintaining **secure and efficient access control**.
- Created **Bash** and **PowerShell** scripts to **automatically deploy and manage** dozens of servers, **saving time** and **standardizing on deployment**.
- Developed a program in **Node.JS**, later rewritten in **Rust**, to **create reports** based on Active Directory users, **ensuring secure and standardized access control**.
- Utilized **virtualization** with **vSphere** and **VMware** on Dell ESXi servers.
- **Developed and containerized** solutions to run on **Cisco IOx** and **Docker**, **increasing flexibility** and **scalability** of applications.
- **Created** and **managed firewall rules** with Palo Alto, **ensuring network security** and **compliance**.
- Troubleshot network and systems issues, **minimizing downtime** and **maintaining operational efficiency**.
- Worked in the **Data Centers** and performed **rack and stack** on server racks to keep hardware and software up to specification.
- **Maintained server hardware** to ensure **uptime** and **reliability**.

Developer; Network/System Administrator, The Buena Vista Companies   Oct 2022 – Feb 2024
- **Handled all IT operations**, ensuring **smooth** and **efficient functionality** across the company; was the **primary point of contact** for the company's IT needs.
- Developed programs to **automate** regular **administrative tasks**, saving **hundreds of hours per year**.
- **Updated** and **maintained** the company's multiple websites. Created new sales websites to **generate thousands in revenue**.
- Developed internal tools to **aid in the management** of inventory, **streamline** call center operations, and **improve** customer service, **enhancing overall productivity**.
- Designed tools to **save about 400 hours per year** in payroll handling, reducing manual effort and errors.
- Performed quality assurance testing, maintaining high standards of product and service quality.
- **Oversaw the implementation** of a new soft phone system with LiveVox, **vastly improving** administrative capabilities and communication efficiency.
- **Oversaw and streamlined** reference documents used daily by agents in the call center, **improving access to critical information**.
- **Performed maintenance** on server hardware and software to **ensure uptime** and **reliability**.

Team Lead, Code Ninjas part time while attending University of Central Florida   Feb 2022 – Oct 2022
- **Managed server and network infrastructure**, ensuring stable and secure online environments.
- **Led a team** of instructors, providing **guidance** and **insights** to **improve operational efficiency**.
- Developed projects and exercises using **JavaScript**, **Java**, and **C#** to teach fundamental coding concepts.
- Assisted in **developing and maintaining** coding curricula, contributing to the **continuous improvement** of educational content.

PROJECTS

Anahit (🔗)

- **Designed** and **managed** a homelab environment utilizing **Proxmox** for virtualization and **Ubuntu Server** for virtual machine operating systems.
- **Hosted multiple web services**, game servers, and media storage solutions to an **external userbase**.
- **Ensured high availability** and **performance** through effective **resource allocation** and **system monitoring**.
- Utilized **Cloudflare** to allow for **secure external access** via web domain.
- **Implemented security measures** to **protect hosted services** and **maintain data integrity**.
- **Automated system maintenance** tasks using Bash and Ansible, **improving operational efficiency**.
- Configured **reverse proxy** and **firewall rules** to **optimize network security** and **accessibility**.
- **Deployed** and **maintained** containerized applications using **Docker** for scalability and ease of management.
- Set up **networking** and **VPN solutions** to securely access and **manage services remotely**.
- Integrated **monitoring and logging solutions** for real-time performance **tracking** and **diagnostics**.

Buena Vista Internal Tools

- **Developed** a custom **internal tool suite** to **automate key business operations** at Buena Vista Companies.
- **Automated** rental **reports generation**, integrating **internal data** with **external** advertising **analytics**.
- **Created** a **dynamic commission** tracking system for call center agents, **enabling real-time payroll calculations**.
- **Designed an inventory tracking system** to monitor warehouse stock, field deployments, and missing items with **historical data insights**.
- **Streamlined** warehouse equipment pickup by **replacing paperwork** with a **digital contract system** for agents and customers.
- **Utilized MySQL databases** to manage data storage, retrieval, and reporting efficiently.
- **Enhanced business intelligence** by developing **custom dashboards** to track financial and operational metrics.
- Implemented **role-based access controls** to ensure **data security** and **compliance** with company policies.

ADDITIONAL INFORMATION

Languages: English (Native), French (Professional), Armenian (Conversational)
Interests: Technology, Cooking, Linguistics, AI, Natural Language Processing