

# Sebastian Safari

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## Summary

I am a L3 SRE with over 5 years of experience in systems and software development. My journey in technology has been driven by hands-on experiences, whether it be leading large-scale deployments or coding my own projects. I excel in designing resilient infrastructure to meet 99.99% uptime requirements, automating processes that have reduced hours of manual effort, and finding software solutions that meet high performance and reliability standards.

## Work Experience

### **Site Reliability Engineer L3 - Meta (Crystal Equation)** (September 2021 - present)

- Led and onboarded 5+ large 3rd-party app deployments, following Meta's best practices in automation and infrastructure-as-code using chef, terraform, docker, and kubernetes.
- Designed, implemented, and documented Disaster Recovery solutions using a combination of internal and 3rd party tools, ensuring even hard to integrate apps were stable.
- Hosted 6+ Lunch & Learn sessions encouraging collaboration and expanding team knowledge.
- Met 99.99% uptime SLAs during on-call rotations and updated runbook documentation when new problems were solved.
- Spearheaded multiple team wide initiatives to improve our collaboration such as: standardizing tagging, finding dedicated time to work on tech debt, and customer intake process improvements.
- Actively contributed to a collaborative team environment through mentoring, knowledge sharing, and support in critical projects.

### **Systems and Software Engineer - PARC, a Xerox Company** (July 2019 - September 2021)

- Developed an internal full-stack "Person DB" to meet business and IT needs.
  - Utilizing Python's flask web server and ReactJS, I developed a mobile friendly, SSO enabled user interface to manage employees and visitors within the company.
  - I developed automation to create and manage user accounts within Active Directory, NIS, and Azure AD/M365 using the data from this full-stack app.
- Maintained and deployed IT infrastructure that fit the business needs, deploying reliable software where "bandaid" solutions were previously in place.
  - Successfully migrated DNS, DHCP, and IPAM infrastructure from legacy tools to an industry-standard product (Infoblox) with less than 1 hour of downtime.
  - To align with the business initiative to be more cloud-focused, I orchestrated O365 backups and hybrid cloud automation, enabling business continuity and data loss prevention.
- Deployed, maintained, and utilized Gitlab CI to automate the deployment of the listed above.

### **System Administrator - PARC, a Xerox Company** (October 2016 - July 2019)

- Automated IAM & ETL tasks using Python and PowerShell, reducing user account creation time from 5 hrs to 30 mins
- Played a key role in migrating from Exchange 2010 to Office 365/Exchange Online
- Managed NTFS permissions, AD Groups, DNS, general IAM
- Conducted monthly patch cycles for system maintenance
- Provided L1 and L2 support for Windows/Linux users, as well as troubleshooting server infra.

## Skills

- **Languages:**
  - Python, Golang, Javascript, Ruby, Bash, PowerShell
- **Web Technologies:**
  - HTML/CSS, ReactJS, Flask, Hugo, JSON, YAML, Markdown, REST
- **DevOps:**
  - CI/CD, architecture & system design, nginx reverse proxy and load balancing
- **Infrastructure:**
  - Docker, Chef, Ansible, Terraform, Kubernetes, AWS, Azure, VMware, Self-Hosted Infra
- **Soft / personal skills:**
  - Ability to effectively communicate complex technical concepts to non-technical stakeholders
  - Can manage multiple projects simultaneously and adjust architecture as needed, ensuring timely completion of all tasks.
  - Meticulous attention to detail in both technical work and documentation. Ensuring accuracy and precision in all tasks when possible.
  - Proactive and self-motivated, taking the initiative to address issues and propose improvements.
  - Eager to learn and share knowledge with colleagues.
  - Organized and efficiency oriented
  - Well rounded, with the ability to get up to speed quickly.
  - Maintains a strong sense of integrity, fostering trust through honest and transparent decision-making.

## Open Source Projects

- [Mini Macro Pad](#) - Run shortcuts at the press of a button. (This is a passion project of mine)
  - Developed a customizable macro pad using Go and an Arduino, allowing anyone to automate tasks with the press of a button.
  - Supports a wide range of actions, from simple key presses to complex sequences, making it versatile for both gaming and professional applications.
- [Images to PDF](#) - Convert a selection of images into a PDF file.
  - Developed a tool to convert multiple image files into a single PDF, addressing the limitation of my wife's scanner by efficiently merging individual images into a single cohesive document.
  - Written in go, there are no dependencies to worry about when sharing the tool.
- [Simpleshare](#) - Local file sharing utility written in Python.
  - Utilized multicast UDP to create an easy to use local network file sharing application.
  - Included a GUI for ease of use with non-technical users.
- [noVNC](#) - Added a "Windows/Super" button click feature to the web client.
- [Clean-mac-address](#) - Python GUI app to reformat mac addresses, needed at PARC to automate device onboarding.