

Kenneth Munk

Seeking to help small teams in the areas of content delivery, data analytics, databases, or mobile development.

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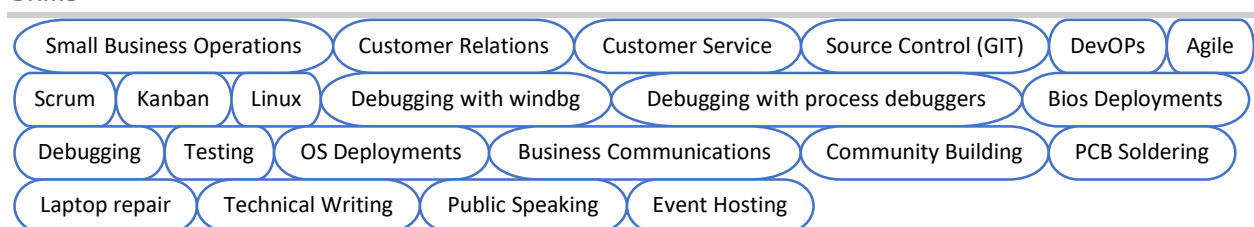
Programming Languages



Frameworks



Skills



Work Experience

IT Field Operations

University of San Francisco – Sacramento Branch – Sacramento, California

June 2022 to Present

Public Facing IT

- Rebuild branch campus operations for sustainability
- Builds systems that make it possible for non-technical staff to self service
- Educates non-technical staff of easy solutions that are readily available
- Troubleshooting and resolving software issues
- Automates repetitive and common operations using Service Now
- Builds a library of solutions for the local community

Internal Facing IT

- Explores and implements new solutions to improve reliability by adding redundancies
- Automates systems using Service-Now Flows and scripting to eliminate inefficiencies
- Continuously self-improving personal performance with DevOPs tool called Click Up
- Builds up automated systems to make campus inventory management sustainable

IT Student Assistant

California State University Sacramento – Sacramento, California

November 2021 to June 2022

Customer facing IT

- Interviews client faculty or staff on their current case to discover known and unknown customer needs
- Coordinates with clients to ensure that deployments are less painful
- Learns about solution spaces for clients before deploying solutions
- Maintains positive client relationships to build an open channel of communication between the department and its client base

Internal facing IT Software Side

- Manages department tickets to mitigate aging tickets and disruptions with ServiceNow
- Tracks current inventory levels to notify department head of incoming hardware needs
 - Explored solutions for automation using Teams as the interface
- Develops scripted tools that help to accelerate tedious tasks like license conversions

Internal facing IT

- Seeks to maintain an organized and easy to share workspace
- Exercising mindfulness in client use case
- Troubleshoots hardware issues such as hard drive failures based on the specific hardware used
- Sets up and deploys systems with Windows, Linux, and MacOS corporate images with tools like SCCM and WinPE

Validation Technician / Platform Replication Lead / Remote Coverage Lead

Intel – Folsom, CA

October 2020 to August 2021

(Contracted to Intel through Beacon Hill Staffing Group)

[Project 2b] Platform Replication Lead and Remote Coverage Lead

- Built a team culture centered around exploration, documentation, and troubleshooting
- Mentored technicians on new tools and ideas to foster team growth
- Balanced workloads across a team of 4 people to more effectively complete work for various mini projects
- Built an information infrastructure that would enable the team and its patrons on future tasks
- Identified hardware needs and procured hardware to build the team up for current and future projects
- Generated weekly status reports on the number of issues touched based on SQL-like database queries for the company's internal ticketing management system

[Project 2a] Platform Replication and Debug as of March 2021

- Triageed problems with a combination of filters and categorization to focus on critical problems while reducing problem count
- Generated queries for first stage triage and identification of problems in reporting
- Performed platform bring-up to replicate and isolate test case conditions
- Debugged software with tools like winDBG, winSDK, event logs, and other software tools

- Analyzed code of third-party software based on the results produced from hardware debugging and event logs
- Created detailed documentation of replication activities to isolate issues to their core
- Relayed information to individual points of contact to ensure that relevant specialists are involved
- Developed open-source and proprietary tools to enhance platform bring-up time and team performance
 - Example: open-source extracting utilities coded with a combination of python/powershell/and batch

[Project 1] Automated Test Validation as of October 2020

- Ran software tests on various hardware projects
- Validated results from tests on hardware
- Debugged erroneous data to eliminate bad configs and bad test data
- Found ways to further optimize testing via automation with additional tools to reduce human interference
- Reviewed code to find out why tests are performing the way they perform to validate results
- Developed a powershell script to organize messy json data into a more human friendly form
- Developed a powershell script to convert bulk JSON data into status reports with little human interaction
- Deployed test computers for validation testing
- Configured local networks to enable large and flexible lab layouts that are both functional and organized

Technician II

ReConext formerly Teleplan International – Roseville, CA
September 2018 to May 2020

Liaison in Teleplan for Cisco clients

- Operated with an end-of-chain-customer priority mindset when making documentation and process decisions
- Documented new products with the customer in mind to catch potential hick-ups in handling
- Researched technical documentation regarding new products and include process caveats within documentation for global teams
- Developed and refined tools in Python, Batch, and Powershell to accelerate the documentation process. (Saved an average of 5 days per unit)
 - Included some image manipulation
 - Included some file management

Automation engineering

- Onboarded by previous engineer for automation maintenance programming and development for department automation project
- Attempted to draft an extension of the automation project that would enable more flexibility for fast paced changes slated to occur within the department.

Education

BS in Computer Science

California State University – Sacramento – Sacramento, CA

Anticipated Fall 2023

Course work in Computer Science

Sierra College – Rocklin, CA

Course work in Business Management

Chemeketa Community College – Salem, OR

Familiar Tools

