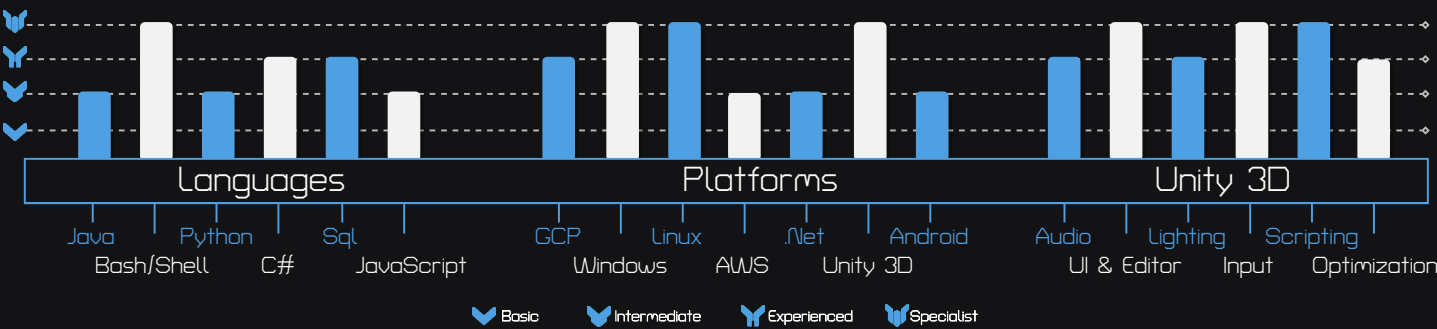




Excited about tools that enable others, democratized platforms to the front.  
 Gamification and Automation to power-up your teammates!  
 Version control your infrastructure! Nothing's done until its documented.  
 10+ years of industry experience & life-long hobbyist.

Music Tech -> QSR/POS SaaS & Hardware -> Political -> VR  
 2900-5201's & A80501's. -> K8s, Containers & Clouds.

Lets build something awesome together!



C#/Unity	Bash & Linux	Other Tech/Dev
<ul style="list-style-type: none"><li>Fully re-mappable gamepad and KBM input system wrappers</li><li>3rd and 1st person camera controllers</li><li>Line-of-sight camera obstruction solutions</li><li>Real-time volumetric reverb and sound occlusion system</li><li>Spline driven animation and particle animation system</li><li>Fully-featured combat system back-end.</li><li>Custom IMGUI editors galore.</li><li>Virtual Agent automated IT system</li><li>Gamified KPI employee metrics system and dashboard for TL's</li><li>Zoom background generator</li><li>Custom virtual office space creator</li><li>AI behaviors, logic, pathing and navigation</li></ul>	<ul style="list-style-type: none"><li>Content pipeline automation</li><li>Multi-team last-mile integration.</li><li>Infrastructure as code</li><li>Cloud Compute resource creation and administration</li><li>Proprietary Linux distro development</li><li>Resource monitoring, logging and reporting</li><li>Fleet hardware diagnostics and repair automation</li><li>Inventory systems</li><li>Brand standards tracking and enforcement</li><li>Payroll software modules</li><li>Hardware compatibility patching and scripting</li><li>Full-stack debugging and optimization</li></ul>	<ul style="list-style-type: none"><li>Discord Bots serving over 10k users daily</li><li>Internal Pizza Hut Android App deployed to 1000+ users.</li><li>Mods and Addons for Skyrim and World of Warcraft</li><li>Community-awarded music composition, production and sound design</li><li>PCI Security compliance patches deployed to thousands of US locations.</li><li>Automated international hardware fleet software updates and management processes</li><li>Fund-raising and community organization tools engaging over 2000 political activists.</li></ul>

Work Experience

Cloud Infrastructure & Diagnostics Engineer - STRIVR

Nov 2019 - Current

- Tools to unify the last-mile of Unity 3D, Android and VR content deployment processes among multiple teams reducing deployment times by more than 50%
- Reduced costs and increased service availability by optimizing Cloud Compute resources and refactoring code allowing for hundreds more daily active users without the need to vertically scale.
- Created automated hardware reclamation process cutting per-device RMA evaluation times by 75% per device and enabled multiple units to be tested in parallel.
- C#, Unity 3D, Ubuntu 18.04, Windows 10, Bash, Powershell, Ansible, JSON, Google Cloud Platform, Oculus/Pico, Git, ADO, Service Now, Android Studio, Docker, Stackdriver.

Systems Engineer - Pizza Hut

Sept 2011 - Nov 2019

- Owned hardware and system image validation/documentation pipeline encompassing over 100k devices.
- Developed in-house Android apps used by 1000+ management employees.
- Authored systems patches and scripts enabling the continued support of a vast array of legacy hardware through multiple OS upgrades negating \$10,000,000+ in hardware upgrade/replacement costs during my tenure.
- Completely revamped the way the Technology Services Group generated and disseminated documentation, including reaching 100% photographic and text documentation coverage of supported hardware (up from ~20%).
- Multiple tools and automated systems targeted at Help-Desk's top 10 call drivers.
- Bash, C#, Python, JS, Java, SQL, JSON, Ubuntu 14-18, SLED 10, Git, Kanban, Jira, Windows, Powershell, Unity 3D, Android Studio

.Net Developer, Community Manager - JC4 Congress

August 2019 - March 2020

- Created bespoke discord bot which served and moderated community of 10k+ users allowing for a small volunteer moderation team which saved costs, but also generated value through it's synergistic interactions with fundraising and activism/volunteer outreach systems.
- C#, .Net Core, Discord .Net, Google Sheets API, Wix, SQL, AWS EC2

Guild Master/Community Manager - WoW Guild

February 2017 - June 2019

- Executive of guild consisting of up to 75 members focused on end-game heroic difficulty progression
- Coordinated and executed transfer and rebuild, executed recruitment and social media strategy, enabling us to rise to a server top 100 raiding guild, including multiple top-10 ranked boss kills for US servers.
- Achieved zero attendance induced raid cancellations and zero required pugging from 2017 onward by focusing on member engagement, transparency, and maintaining a diverse community.
- Leadership, Team Building, Social Media, Recruitment, Training, Video Editing, Photo Editing, Conflict Resolution, C#, Discord .Net, Unity 3D, Google Sheets API, .Net Core, AWS EC2, SQL