

AKASH BARTLETT

216-577-9604

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EDUCATION

Lighting Design and Technology, B.F.A.

University of Cincinnati, CCM. May 2020

Information Technology, Computer Networking, Minor.

University of Cincinnati, CECH. May 2020



WORK EXPERIENCE

Lighting Road Staff/Crew Chief II/Freelance

4Wall Entertainment, Los Angeles, CA: Full Time June 2021 - Jan 2022. Freelance 2018-2020, May 2023 - Present.

- **Onsite LX Crew Chief, Programmer, or Lead LX Technician** for large shows - primarily festivals, corporate events, and TV/Film.
 - Excellent at designing, installing, and troubleshooting all technical lighting and video aspects of a show. Understands and welcomes long, unpredictable hours and last-minute changes and unexpected challenges.
 - When not onsite, supported shows by working on show preps or drafting.
 - Show list available on request.

Studio Engineer

XR Studios, Hollywood, CA: Jan 2022 - May 2023

- **Worked to design, specify, install, and commission a completely new XR studio - with 2 stages pipelined for turnkey 4K XR, AR, and Virtual Production.**
- **Video:** Responsible for the full video pipeline for a single video system running 2 XR stages - from camera output to record decks.
 - Full 4K video system consisting of Ross carbonite switchers, FR Routers, Opengear conversion and distribution, NDI, timecode and genlock distribution, and Ultritouch panels and RCP for control.
 - Would frequently run multiple framerates and resolutions simultaneously, as each stage could run completely independently of the other, while sharing and distributing resources as needed to lower overhead equipment cost.
 - Data and Power distribution for LED Volumes - 720x Roe BP2v2 in 180° curve, with 440x Roe BM4 LED floor.
- **Networking and IT:** Worked on the design, install and operation of the studio network.
 - Netgear M4300 and 4500 switches, with PFSense router, over 2 separate buildings with a 400G core backbone. Managed VLANs, Multicast, Samba/FTP, certificates, etc.
 - Designed and managed a full Proxmox and UNRAID system, with multiple storage solutions, filesystems, and access methods, tailored for different speed and redundancy requirements. Oversaw many VMs, all distributed over multiple host machines and physical buildings.
 - Worked on the deployment of 4k, multi-head, KVM over Fiber systems from KVM-Tec.
- **Lighting**
 - Worked on creation of base MA showfiles running in multiple sessions between stages.
 - Built base D3 sockpuppet into file for ease of control during shoots. Full timecode, TOD, and show control support.
 - Remote followspot system - FollowMe - Integrated with tracking systems for completely operator-free followspot system.
- **Audio**
 - Worked on design and install of a Digico system with opticore fiber backbone, with an SD7 for control and SD Racks for distribution. Integration with Riedel Artist for Bolero wireless and desk panels, Dante for network audio, and MADI for video system integration.
- **Production: EIC during shoots:** Managed the engineering side of the production, with all the above systems.
 - Assisted clients and production staff as they integrated into our studio for the shoot, from cameras and cranes to DIT carts and lighting programmers. Oversaw records, ingest, and file transfers to client.

Project Manager, IT Support

Cross Light, Inc, Sunman, Indiana: May 2020 - June 2021

- **Project Manager:**
 - Manufacturer's Representative for many lighting manufacturers, including: Electronic Theatre Controls/High End Systems, Canto USA, Clarte Lighting, Aquarii, DeSisti, TMB
 - Specified, designed, drafted and serviced projects in our market of Ohio, Indiana, and Kentucky. Oversaw projects at all phases of design process, working with contractors, distributors, clients, and factory.
 - Obtained ETC Authorized Service Provider certification and commissioned projects.
 - Responsible for entire IT System of Cross Light, Inc, replacing an outside managed IT service.

ADDITIONAL SKILLS

Drafting: AutoCAD, Vectorworks

Lighting Consoles: MA2, Hog, EOS

Video: Brompton/NovaStar processors, Mapping, color correction, edge blending, power/bandwidth distribution.

Tracking: Stype, SMT

CERTIFICATIONS

OSHA 30 - General Industry

Scissor/Boom/Forklift Operation

Private Pilot, ASEL