

NICHOLAS KUME

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PROFESSIONAL SUMMARY

A **Software Developer** with experience in providing detailed analysis and insightful support for the development of engineering projects. Interested in role with the company promoting best practices and offering diverse customer projects. An ambitious problem solver leveraging a powerful set of technology skills. Eager to collaborate with personnel in all areas of the company to help boost profits and improve opportunities:

- **Technical development (REST API)**
- **JavaScript/HTML/CSS**
- **cloud computing (AWS)**
- **[Computer Programming \(C++\)](#)**
- **Database administration (MySQL)**
- **Technical Project Management**

EDUCATION

Associate of Science in Computer Programming (C++ Specialization). Houston Community College (Houston, TX)

Associate of Science in Computer Systems Networking - Cybersecurity. Houston Community College (Houston, TX)

Bachelor of Arts (Photographic, Film, And Video Technology). Rhode Island School of Design (Providence, RI)

Additional Professional Development:

- Body Mechanics (Cert. #12453) – CG Master Academy
- Database Administrator (Cert. #25268) – Houston Community College

PROFESSIONAL SKILLS DEMONSTRATED

XR LABS & STUDIO

February 2022 – Present

A Virtual Reality (VR) Studio with ~15 employees, and clients/partners like VAST Academy, HISD, and Art+Design and operate 2 physical VR locations.

C++ Programming (Intern)

Serves as the Firm's primary technical artist, planning and developing projects from concept to completion.

- **Computer Programming:** Successfully planned and created several C++ programs for the Firm's 3 highest-priority projects. E.g. Designed the Firm's VR digital assets in 2022, including the implementation of MySQL databases, and REST API etc. I also was involved with the integration of Unreal games engine and Motion Builder.

- **Motion Capture Programming:** Serves as an Assistant in the creation of 5 Motion Capture Cinematics for the Firm's Clients at Art+Design in terms of the directing, cleaning, polishing, and stylization of Motion Capture Data, including the Implementation of Rokoko and Shadow Motion Capture Software to produce events that attracted ~500 attendees.

- **Developed in a Team Environment:** I organized and contributed to a creative, collaborative, and fun working atmosphere amongst the team, Including improving the animation Pipeline, setting development schedules, and monitoring project progress using Slack and managing projects' digital assets using cloud storage solutions like Dropbox.

NATURES GIFT FOR LIFE

March 2018 – May 2020

natural health products company with ~200 employees, ~\$1.5million in annual revenues, and provides herbal ingredients and alternative health to Africa.

Computer Software Engineer

I helped as the Firm's front-end and back-end Web developer to build a prototype of naturesgiftforlife.com using AWS to implement VPC's, EC2 instances, managing Storage Gateways, as well as project managing for the team to complete the project.

- **Software development:** Serves in the Analysis, design, and development of software applications for the websites, Including the implementation of APIs Using Software's like NodeJS, Oracle, ReactJS to provide a more engaging user interface.
- **Technical Project Management:** Serves as the point of reference for client relationships, managing ~5 projects (\$10k-40k budget each) simultaneously. Collaborates with the Firm's owners to establish project specs and manages a team of developers using CSS, HTML, JavaScript, ReactJS and graphic designers using the Adobe Creative Suite.

STUDENT LIFE AND VOLUNTEERISM

Rhode Island School of Design – Teaching Assistant: Mentored students through office hours and one-on-one communication, supported instructor with test administration, curriculum development, and assignment grading, and instructed small student groups on individual aspects of subject matter.

OTHER RELEVANT INFORMATION

Languages: French (native fluency)

Computer Skills: Java programming, Oracle SQL, Web development, AWS, Excel (Excellent)