

MICHAEL KROG

+1 (630) 715-4311 | michaelryankrog@gmail.com | [linkedin.com/in/michaelkrog](https://www.linkedin.com/in/michaelkrog) | mkgrog.com

PROFESSIONAL SUMMARY

Lead developer with 5+ years building cutting-edge 3D/AR solutions and AI-powered applications for multiple industries. Expert in React, JavaScript, Python, and AWS with proven experience leading cross-functional teams in full-stack development. Guided technical strategy and architecture decisions while delivering scalable applications supporting enterprise customers.

PROFESSIONAL EXPERIENCE

LEVAR

Lead Developer/Founder

Remote

January 2020 - Present

- Served as a key founding team member at LEVAR, leading the company's strategic and technological advancements in 3D and Augmented Reality
- Led development of white-label AR experiences, interactive 3D viewers, and custom applications deployed across multiple industries and platforms
- Built scalable system architecture supporting enterprise customers with custom integrations, APIs, and tailored solutions

Sage Lion Media

Web Developer

Denver, CO, USA

October 2018 - November 2019

- Designed and developed custom websites and eCommerce solutions for agency clients using WordPress and Shopify, implementing responsive designs and performance optimizations

Winter Park Resort

Junior Web Developer

Winter Park, CO, USA

July 2013 - January 2017

- Built responsive websites and landing pages using HTML, CSS, and JavaScript while collaborating with marketing and sales teams to implement web solutions that supported business objectives and enhanced user experience

FEATURED PROJECTS

3D Room Builder

Lead Developer - Focus: React, React Three Fiber, Three.js, Zustand

[View Here](#)

- Built a web app for designing and personalizing virtual spaces with customizable layouts, furniture, and scenes
- Developed modular component architecture for scalable room customization features

Interactive 3D Viewer

Lead Developer - Focus: React, Three.js, React Three Fiber, Zustand, MUI

[View Here](#)

- Built a white-labeled 3D viewer with advanced features like model switching, annotations, and animations, creating an interactive experience for eCommerce users

LEVAR Dashboard

Lead Developer - Focus: React, Redux, MUI, AWS, Amplify

[View Here](#)

- Developed and maintained a web app that manages 3D models, user accounts, subscriptions, and payments for eCommerce platforms, streamlining client workflows

AR Glasses Try-On

Lead Developer - Focus: Javascript, Three.js, Face-tracking, 8th Wall

[View Here](#)

- Developed a white-labeled web AR microsite for real-time virtual sunglass try-ons, enabling seamless style switching and eCommerce integration
- Successfully deployed across multiple eyewear retailers, directly improving customer conversion rates
- Optimized facial recognition for accurate tracking across mobile and desktop devices

EDUCATION

Turing Frontend Software Development Program

Frontend Developer, Computer Science

November 2017 - May 2018

DePaul University

Bachelor's, New Media & Digital Arts/Design

August 2007 - May 2011

GPA: 3.5

SKILLS

Frontend: React.js, React Native, JavaScript/TypeScript, HTML/CSS, Three.js, React Three Fiber, Electron.js, Next.js, MUI

Backend: Node.js, Python, PHP, Express.js, GraphQL, REST APIs **Databases:** MongoDB, MySQL, PostgreSQL **Cloud &**

DevOps: AWS, Amplify, CloudFormation, Route 53, Lambda, Elasticsearch, Datadog **Tools & Platforms:** Figma, Adobe

Creative Suite, Postman, 8th Wall, Cursor IDE, OpenAI API **Specialized:** 3D Graphics, WebGL, 3D/AR Development