

# Michael Krog

Experienced full-stack developer specializing in AWS, React, and Node.js, with a focus on building seamless and scalable digital applications

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## Relevant Experience

Lead Engineer · **levAR** Dec 2019 – Present

- Served as a key **founding team member at levAR**, leading the company's strategic and technological advancements in 3D and AR
- **Integrated cutting-edge 3D and AR technologies** into eCommerce platforms, enhancing customer interaction and engagement
- Spearheaded scalable, user-focused 3D and AR application development
- **Optimized company system architecture**, improving scalability and supporting increased traffic for future growth and upgrades
- **Oversaw full project lifecycle** from concept to deployment and maintenance.
- **Developed and maintained** custom eCommerce integrations, bespoke customer projects, dashboards, and interactive 3D product visualizers

Web Developer / Designer · **Sage Lion Media** Oct 2018 – Nov 2019

- Designed and developed custom eCommerce websites on WordPress and Shopify, providing tailored, high-performance solutions for clients
- Improved website performance through SEO, driving higher rankings and increased traffic

Junior Web Developer · **Winter Park Resort / Ikon Pass** Jul 2013 – Jan 2017

- Collaborated with cross-functional teams to implement web solutions that aligned with marketing and sales strategies.
- Built and customized technical solutions, including custom landing pages and websites, to meet the evolving requirements of stakeholders

## Featured Developed/Collaborated Projects

3D Room Builder *Focus: React, Three.js, React Three Fiber, Zustand* [View Here](#)

- Built a web app for designing and personalizing virtual spaces with customizable layouts, furniture, and scenes

Interactive 3D Viewer *Focus: React, Three.js, React Three Fiber, Zustand, Material UI* [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 *Focus: React, Redux, Material UI, 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 *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

BarStock *Focus: React Native, Redux* [View Here](#)

- Developed a native app for bar owners to browse products, estimate orders, and manage inventory and expenses

## Skills

### Programming Languages

JavaScript (ES2015+),  
TypeScript, HTML, CSS,  
Sass, PHP, Python

### Libraries & Frameworks

React, Gatsby, Node.js, SQL,  
Express.js React Native, drei,  
Redux, jQuery, Material UI,  
React Three Fiber, Three.js,  
Zustand

### Tools & Platforms

AWS, S3, Lambda, Cognito,  
EC2, Serverless, API  
Gateway, Amplify, Git,  
GitHub, Bitbucket, Heroku,  
WordPress, Figma, Shopify,  
BigCommerce

### Additional

Adobe Suite, Graphic Design,  
UX/UI, Inbound Marketing,  
Hubspot, Amplitude,  
GTM & Google Analytics,  
SEO & PPC Adwords

## Education

### DePaul University

Bachelor's Degree  
New Media & Digital Arts

### Turing School of Software & Design

Frontend Software  
Development Program

## Beyond Coding

Skiing down mountains, biking through trails, or experimenting with beats in music production. I value sustainable living, new adventures, and finding balance in creativity, exploration and travel.