



Prescott White

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Profile

Seeking a software engineering or related technical product role. Previously, I worked on innovative VR technology in the medical device space, where we developed a custom low-vision assistive device, a cutting edge vision testing platform, and accompanying services to assist healthcare professionals in serving vulnerable patients with pathologies including Glaucoma.

Experience

SOFTWARE AND PRODUCT CONSULTANT, IRISVISION; PLEASANTON, CALIFORNIA – OCTOBER 2023-PRESENT

- Assists Director of Low Vision Solutions to help architect future product features for Android-based assistive VR headset for low-vision users
- Assists in testing beta software and hardware

FULL STACK SOFTWARE ENGINEER, RADIUS XR; PLEASANTON, CALIFORNIA – DECEMBER 2020-OCTOBER 2023

- Developed Youtube-like media platform to allow healthcare professionals to upload immersive educational and other content onto flagship vision testing VR platform for patient use (React, Go, AWS)
 - Frontend in ReactJS hosted on S3
 - Backend/API layer in Go using Gin framework hosted on Elastic Beanstalk
 - NoSQL database using DynamoDB
 - CI/CD pipeline and repositories hosted on GitLab which deployed to AWS
- Developed internal grading platform for use in company's clinical trial, proving effectiveness of vision testing platform against the gold standard perimetry system (Very similar stack as above)
- Developed VR simulation app in order to validate UI and UX of next-gen headset before hardware prototypes were available (Android, Kotlin)
- Performed measurements, calibration, and other hardware validation on various prototypes during development of company's custom VR headset
- Traveled across the US for on-site product validation at a variety of different customers, including KOL's in the eye-care industry and the Department of Veteran's Affairs

MOBILE SOFTWARE ENGINEER INTERN, NCR; REDWOOD CITY, CALIFORNIA – JUNE 2019-SEPTEMBER 2019

- New feature development and bug fixes on consumer mobile banking platform (Java, Android)

Education

University of California, Santa Cruz – Computer Science, B.S., 2020

Skills

Languages & Platforms: Android, Java, Kotlin, React, Git, AWS

Collaboration: Lean product development, Agile, JIRA, Software deployment strategies