

# Rishab Nayak

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## Education

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### Boston University

*Master of Science in Computer Science, GPA 3.95*

### Boston University

*Bachelor of Arts in Computer Science, Bachelor of Arts in Chemistry, CS Major GPA 3.65*

## Certifications

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### Professional Cloud Architect

May 2024

*Google Cloud*

## Experience

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### OXOS Medical

Nov 2023 - Present

*Cloud Services Engineer II*

*Boston, MA*

- Re-architected **CI/CD pipelines** to efficiently **cache, build and deploy 30+ executables** with interdependencies; switching to build on **autoscaled** GCP hosted **Spot VM's**, reducing cost by **40%**, improving build times by **50%**
- Setup **Organizational XPC** and **point-to-point VPN** with OpenVPN Access to support **hybrid cloud** development
- Built **multi-platform, multi-arch** Docker Images and setup a **private APT repo** to simplify local development of a complex software system, improving developer efficiency by **30%**

### Joyn

May 2023 - Oct 2023

*Founder and Chief Technology Officer*

*Boston, MA*

- Co-Founded Joyn - a communication platform leveraging AI to create **unique social experiences** and enable next generation advertising, raised \$200k in pre-seed funding from angels
- Architected and developed an **end-to-end encrypted** real-time communication app for **iOS, Android, macOS, Windows and Web** with features enhancing 1:1 interactions
- Achieved **58.3% 28-day user retention** - 95th+ percentile for social apps

### Mount

Feb 2020 - Apr 2023

*Founder and Chief Technology Officer*

*Boston, MA*

- Co-Founded Mount - a platform whose goal was for people to be able to **rent anything, to anyone, at anytime**, raised **\$3.5M** in seed funding, built a team of **12** highly motivated individuals
- Developed and architected Mount Platform (Web) and Mobile App (Apple App Store and Play Store) for **rentals, intelligent asset tracking and revenue management** among other key features
- Built Mount API, a drop-in solution for hosts seeking something more customizable - setup with **enterprise-grade security**, keeping growth and scale in mind

### OXOS Medical

Sep 2020 - Dec 2021

*Cloud, DevOps and Full Stack Flutter Engineer*

*Boston, MA*

- Pioneered development of Platform, a **greenfield Flutter project** connecting OXOS' X-ray equipment to the cloud, allowing for novel AI use-cases by **delivering AI to point-of-care**
- Created systems architecture for Platform, and developed a **multi-stage, multi-environment CI/CD pipeline** using GitLab Shared Runners and Codemagic in tandem to:
  - \* Manage IaC via GitLab managed Terraform State
  - \* Build API and upload dockerized JAR to Google Container Registry, later deployed using **Cloud Run**
  - \* Deploy OXOS Platform to **Web, Apple App Store, and Play Store** simultaneously, enabling agile development

## Projects and Leadership

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**EyeSpace** | *Flutter, Tensorflow, Google Cloud, Codemagic*

Oct 2020

- Conceptualizing and developing an **accessibility tool to empower visually impaired** via an autopilot for humans, committed to delivering accessibility, autonomy and inclusion
- Motivating a seven member team to produce a cross-platform mobile application leveraging **cloud compute, machine vision and natural language**

## Skills, Achievements and Interests

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**Languages:** Python, Java, Dart, JavaScript, SQL, Swift, Objective-C

**Developer Tools/Technologies/Frameworks:** Google Cloud Platform, AWS, VSCode, XCode, Android Studio, Linux, Docker, Kubernetes, CI/CD, Terraform, Flutter, Git, GitHub, GitLab, OpenCV, Tensorflow, Keras

**Achievements:** MLH Top 50; 4x Dean's List; UROP Recipient, Summer 2020

**Interests:** Cycling, Rock Climbing, Hiking, Travel