

# RISHAB NAYAK

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📍 Boston, MA

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## EXPERIENCE

### Founder and Chief Technology Officer

#### Mount

📅 Feb 2020 – Present

📍 Boston, MA

- Built a team of 7 highly motivated individuals
- Raised \$1.4M in pre-seed funding with General Catalyst as lead investor
- Leading development of the Mount Platform - to enable rentals, intelligent asset tracking and revenue management among other key features; and the Mount API - to enable partners to seamlessly integrate with us to create a stronger value proposition for their clients

### Cloud, DevOps and Full Stack Flutter Engineer

#### OXOS Medical

📅 Sep 2020 – Dec 2021

📍 Atlanta, GA

- Developing a multi-stage, multi-environment CI/CD pipeline using Codemagic and GitLab Shared Runners in tandem to:
  - Manage IaC via GitLab managed Terraform State
  - Maintain repository as source of truth for OpenAPI config by uploading to SwaggerHub on push
  - Generate client and server API code using openapi-generator-cli
- Build API and upload dockerized JAR to Google Container Registry, later deployed using Cloud Run
- Deploy OXOS Platform to web, Play Store and Apple App Store simultaneously enabling agile development.
- Creating the systems architecture for Platform - notably securing resources via a VPC, using Serverless VPC Access to allow Cloud Run to access the Private Cloud SQL instance
- Developing an API to provide data to Platform, built using Spring Boot, backed by Cloud SQL and Cloud Storage, secured via Google Identity Platform
- Developing Platform, a Flutter Application, various configurations of which are hosted on Cloud Storage, using Cloud Load Balancing and Cloud DNS as the DNS provider

### Sr. Project and Solutions Manager

#### BU Spark!

📅 Jan 2020 – May 2022

📍 Boston, MA

- Leading 10+ teams as an Agile Project Manager to **extract insights from unstructured data** to assist governments and non-profits such as the State of Massachusetts, City of Cambridge, City of Haverhill, and PlaceMe

### Head of Technology

#### BostonHacks

📅 Apr 2019 – Jan 2021

📍 Boston, MA

- Building an **open source unified portal** to help Organizers, Hackers and Sponsors stay involved with BostonHacks
- Leading a cross-functional team of 10 engineers as an **Agile Project Manager**, delegating tasks and checking in on weekly progress

## EDUCATION

### Boston University

#### MS, Computer Science

📅 Sep 2021 – May 2022

GPA: 3.95 / 4.0

### Boston University

#### BA, Computer Science and Chemistry

📅 Aug 2017 – Jan 2021

Researcher, Caradonna Lab

4x Dean's List

UROP Recipient, Summer 2020

CS Major GPA: 3.6 / 4.0

## COURSEWORK

Machine Learning

Operating Systems

Computational Audio

Android App Development

Image and Video Computing

Natural Language Processing

Algorithms and Data Structures

Software Engineering (*and Course Grader*)

Concepts of Prog. Languages (*and Course Grader*)

## PROJECTS

- **Eyespace** - An accessibility tool to empower the visually impaired via an autopilot for humans
- **pHarmr** - An automated, remotely controllable IoT hydroponics system for open source farming
- **Pill Dispenser** - A low cost, internet-enabled pill dispenser for the elderly to keep track of medication easily
- Contributions to **flutter/plugins**, **FlutterExtended/flutterfire**, developed various plugins for the **Flutter** framework

## SKILLS

### Programming

Java • Dart • JavaScript • Python • Wolfram Language • Matlab • Swift • Objective-C

### Frameworks and Cloud

Flutter • Node.JS • Vue.JS • Angular • MongoDB • MySQL • Spring Boot • Git • Google Cloud • AWS • Firebase • OpenCV • Keras • CI/CD