Ross Miller

rossnmiller@gmail.com　　　　(520) 869-6334　　　　Nashville, TN (or remote)　　　　github.com/rsml

Seeking a leadership role at a fast-paced company solving tough important problems

WORK EXPERIENCE

Text2Order　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Feb. 2022 – June 2024**
Founder, CTO　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Nashville, TN*
(SMS-Based food and drinks ordering service at sports games and music festivals where fans can skip the line)
- Led agile software team of 6 software engineers, 2 QA engineers, and 1 data scientist. Our software ran concessions operations for the largest sponsor (Beatbox) at Electric Zoo 2023 (88,000 people). We operated at Los Angeles State Historic Park for Chainsmokers and Tiësto (15,000 people each), and 12 other EDM festivals
- Software ran perfectly at all events due to intense focus on redundancies, training, contingency plans, QA testing
- Improved bartender bandwidth dramatically by collecting pre-payment and redesigning fulfillment process
- **Infra**: AWS EC2, CDK, CloudFormation, EB, RDS, S3, Route 53, CodeBuild, CodePipeline, Github Actions
- **Backend**: Node.js, Express, Sequelize, GraphQL and REST, Apollo-Client, Sequelize, Typescript/Javascript
- **Frontend**: React, Redux/Redux-Toolkit, Redux-Saga, Reselect, Tailwind, Typescript/Javascript
- **Misc**: StarMicronics receipt printers, Browserstack, Appium, Hexnode MDM, CM.com, Twilio, Jira

Openpath Security, Inc. (Acquired by Motorola Solutions for 370MM+)　　　　**Aug. 2017 – Sept. 2023**
#3 Employee, Software Engineering Manager　　　　　　　　　　　　　　　　*Los Angeles, California*
- Sole frontend developer for the entire React Native cross-platform Openpath app (now called Avigilon Alta Open) which processes millions of unlocks per day. iOS Rating: 4.7★
- Sole developer/designer for the entire React Native cross-platform Open Admin app (now called Avigilon Alta Access) used for configuring and provisioning new hardware. iOS Rating: 5.0★
- Acted as Engineer, Manager, Technical Product Owner, UX Designer. Close collaboration with every dept.
- React Native, Redux-saga, Reselect, Native Modules, Bluetooth LE, Location, Battery Optimization

Heal Inc.　　　　　　　　　　　　　　　　　　　　　　　　　　　　**Oct. 2016 – Aug. 2017**
Senior Software Engineer　　　　　　　　　　　　　　　　　　　　　　　　　*Santa Monica, CA*
- Lead React Native developer. Worked on a HIPPA compliant site for patients to book in-home doctor appts

Luma Pictures　　　　　　　　　　　　　　　　　　　　　　　　　　**Sept. 2015 – Aug. 2016**
Senior Software Developer (Contract)　　　　　　　　　　　　　　　　　　　　*Santa Monica, CA*
- Sole developer/designer for custom Digital Asset Mgmt. (DAM) software to catalog, preview, and search through dozens of terabytes of assets for a large VFX studio. Created intuitive boolean search operations

Symphony Pro (symphonypro.net)　　　　　　　　　　　　　　　　　　**Sept. 2009 – Sept. 2013**
Founder, iOS Developer　　　　　　　　　　　　　　　　　　　　　　　　　*Los Angeles, CA*
- Built/Designed the first iPad sheet music notation app. **Was #3 paid iPad music app in the U.S.**

EDUCATION

University of Arizona　　　　　　　　　　　　　　　　　　　　　　　　　　**May 2012**
B.S. Computer Science, Mathematics (Double Major)　　　　　　　　　　　　　　　　*Tucson, AZ*
- **3.8 GPA.** Graduated with Honors. Software Engineering Club.

CERTIFICATIONS, SKILLS, PROJECTS & INTERESTS

- **Certifications** "**I've learned a ton from you... A+++++++ would start up with again**" – *Samy Kamkar* (recommendation on my LinkedIn by one of the world's most famous/prolific hackers and security researchers)
- **Skills** Mobile and Fullstack Development, Technical Leadership, Entrepreneurship, Mentoring, Product Design, UX, Lean Methodologies, Improving Team Morale, First Principles and Complex Systems Thinking, Innovation
- **Projects** chordcolors.com (comprehensive interactive music theory encyclopedia), fasterdash (npm package)
- **Interests** Design, AI, Guitar, Piano, Music Theory, Live Looping, Fitness, Math, Economics, Board Games