# Amey Khairnar

ameyrk.me

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Github/ameyrk99 – LinkedIn/ameyrk

| EDUCATION | | |
|---|---|---|
| **Bridgewater State University** | | **Bridgewater, MA** |
| *Master of Science in Computer Science* | | *Sept 2024 – May 2026 (expected)* |
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| **University of Texas at Arlington** | | **Arlington, TX** |
| *Bachelor of Science in Computer Science* | | *Aug 2017 – May 2021* |

**SKILLS**

**Languages:** TypeScript/JavaScript, Python, Swift, SQL, Kotlin

**Frameworks/Libraries:** ReactJS, Flask, SwiftUI, Bootstrap

**Cloud Technologies:** Heroku, Firebase, Google Cloud Functions, Serverless

**AWS:** Lambda, DynamoDB, API Gateway, SNS, SQS, Glue

**Other:** Git, GNU/Linux, LaTeX

**PROJECTS**

**Flux**     ameyrk.me/Flux/
*Plan & journal MacOS app*     *2025*

Personal project that uses elaborate day planning and responsive journaling to create enhanced positive and negative feedback mechanisms than TODO lists.

**EXPERIENCE**

**Amazon Robotics**     **Westborough, MA**
*Software Development Engineer*     *October 2021 – August 2024*

- Developed a fault detection system for warehouse robots and devices (drive units, safety vests, chargers, etc) that uses continuous analysis and automated work ticket creation for response.
- Designed and implemented over-the-air firmware deployment system and portal for safety vests, 600,000+ always-on drive unit fleet, and other devices.
- Built and maintained multiple data pipelines and microservices to support drive unit fleet, distributed to several internal customers for machine learning, analysis, and other operations.
- Created scripts for remote injection, enabling log and data extraction from drive units.

**Lenovo**     **Morrisville, NC**
*Software Engineer Intern*     *June – August 2020*

Worked on full-stack tasks for portal for Smart Office's Think Smart devices and wrote scripts for miscellaneous data aggregation