# ERIK ROTHMAN

## SOFTWARE ENGINNIER

## PERSONAL PROFILE

Passionate software engineer transitioning from embedded systems to web development. Extensive experience in analyzing and resolving bugs, implementing low-level solutions on Android, and now building expertise in front-end and back-end web technologies. Adept at problem-solving and developing efficient, scalable solutions.

## AREAS OF EXPERIENCE

- Experience with Java, Python, C, and C++
- Experience with embedded systems
- Experience with Android/Linux platforms
- Experience with Git
- Studying JavaScript, HTML, CSS, React, MySQL, Docker, and NPM

## LANGUAGES

- English: Advanced
- Spanish: intermediary
- Portuguese: Native

## PROFESSIONAL EXPERIENCE

### SOFTWARE ENGINEER
**Instituto Eldorado | 2023 - Present**

- Specialized in audio frameworks layers
- Led maintenance and product bring-up in the audio domain
- Trained in Android app development

### SOFTWARE ENGINEER
**LG Eletronics | 2020 - 2022**

- Maintained low-level Android system software
- Trained on Qualcomm chipset security systems
- Fixed audio bugs, managed peripheral firmware and factory software
- Implemented new features for the Android system

### BSP INTERN
**LG Eletronics | 2019 - 2020**

- Focused on Android bootloader and production line software
- Specialized in Android audio systems; developed tools for case analysis
- Addressed factory requests, implementing features and fixing bugs

## CONTACT

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## EDUCATION

**COLÉGIO MACKENZIE**
**Graduated in 2016**

**UFABC | COMPUTER SCIENCE**
**Expected 2026**

## SKILLS

- Complex technical information analysis
- Feature design and implementation
- Detail-oriented with a problem-solving mindset
- Learning new technologies quickly

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