

Delta

EDUCATION

BS in Computer Engineering

Master in Electrical Engineering

EXPERIENCE

Software Engineer

05/2014 - 04/2018

- Developed firmware for a range of industrial IoT devices. Overcame challenges related to limited computational resources, enhancing the efficiency of algorithms. Conducted thorough debugging, resulting in a 98% defect-free software release. Trained junior engineers, elevating the team's overall technical competency.
- Hard skills: C, Embedded Software, Debugging, Real-time Operating Systems.

Embedded Software Developer

05/2018 - 09/2022

- Worked on developing and optimizing embedded systems for a new product line. Integrated multiple communication protocols to enhance device connectivity. Collaborated with a cross-functional team, streamlining the software development process, resulting in a 15% increase in project delivery speed.
- Hard skills: C, C++, SPI, UART.

Senior Embedded Software Engineer

10/2022 - Present

- Led a team of 10 to enhance performance on a fleet of devices running on Raspberry Pi. Redesigned the software architecture to achieve 20% faster processing speeds while maintaining system stability. Implemented CI/CD pipelines, reducing deployment times by 50%. Collaborated with hardware engineers, ensuring seamless integration of software components.
- Hard skills: Python, RTOS, I2C, Git, CI/CD pipelines.

SOFT SKILLS

Effective Communication, Collaborative Teamwork, Analytical Thinking, Client-Centric Approach, Continuous Learning, Efficient Time Management, Leadership Abilities.

LANGUAGES

English, Spanish.