KEESHIGAN PIRABAHARAN

FULL STACK DEVELOPER / MECHATRONICS SYSTEMS ENGINEER

CONTACT

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kpirabaharan
kpirabaharan
Toronto, ON

PROFILE

Result-driven junior full-stack developer with practical experience in front-end and back-end technologies, adept in JavaScript, Python, and C. Proven ability to contribute to development projects by delivering reliable and efficient code solutions, while continuously staying updated with the latest industry trends. Strong problem-solving aptitude, attention to detail, and excellent communication skills that promote effective collaboration and successful project outcomes.

SKILLS

Full Stack

HTML / CSS / Tailwind
JavaScript / TypeScript
ReactJS / NextJS
NodeJS / ExpressJS
MongoDB / MySQL

Mobile

Dart / Flutter
Java / Kotlin

Embedded Systems

C / C++
Linux
Arduino / Raspberry Pi

Data Science / Other

Python
Git

EDUCATION

B.E.Sc - Mechatronics Systems Engineering
University of Western Ontario, 2017-2022

EXPERIENCE

Software Developer

July 2022 - Present

- Developed automated test software using C and Bash Scripts to perform qualification testing on a vehicle management computer / network switch hybrid device
- Collaborated with hardware engineers to optimize system performance and reliability
- Created and maintained software documentation, including design specifications, code documentation, and user manuals
- Participated in code reviews and worked with other developers to ensure software quality and adherence to coding standards

Minor Projects Team Lead

July 2020 – July 2021

- Assisted senior project managers with capital project (>$200k), including coordination with internal stakeholder and EPC contractors to ensure project success
- Exposure to industrial operations, complex system processes, and practical failure modes
- Worked with a multidisciplinary team of engineers and technicians to support modifications
- Exposure to technical work done in both mechanical and electrical modifications