

Francisco Alvarado Ferllini

Information

Computer Engineer

Nationality: Costa Rican

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Languages

Spanish (Native)

English (Fluent)

Soft Skills

Problem solving skills

Creative

Teamwork

Easy Learner

Sociable and Communicative

Critical Thinking

SUMMARY

Computer Engineer looking to expand his technical knowledge design skills and implementation skills to produce better quality products on a daily basis, using the technologies that best fit the client's needs, and generating solutions that can really make a difference. Passionate about embedded systems, process improvement and automation.

EDUCATION

2014 - 2019 **Instituto Tecnológico de Costa Rica (ITCR)**
Computer Engineering

WORK EXPERIENCE

2021 - Present **Limebox** *Software Engineering : Senior NetSuite Developer/Senior Consultant*
NetSuite Administration in General, FSM consulting and SuiteScript development. Architecture design and development for NetSuite solutions, process automation, integration with third party application and legacy systems. Design, creation and installation of Bundles and SDF projects.

2019 - Present **Freelance** *NetSuite Consulting & Engineering Professional Services*
Architecture design and development for NetSuite solutions and FSM implementations. Software Consulting and development for web applications and embedded systems.

2019 - 2021 **Middleware** *Software Engineering : Full Stack and NetSuite Developer*
NetSuite account setup and maintenance. Management and participation in functional and technical business analysis to create, design and estimate integrations and process improvement projects.

2018 - 2019 **Monitec** *Computer Engineering : Embedded Systems Engineer*
Development of embedded monitoring systems. Design and selection of hardware modules and components. Software architecture design, programming and implementation of modules and communication protocols.

SKILLS

Programing Skills

- Programming and Hardware description languages: C, C++, C#, JavaScript, TypeScript, Python, Java, Verilog.
- Real Time Kernels: FreeRTOS.
- CRM/ERP: Oracle NetSuite and FSM Management, SuiteScript and SuiteCloud (SDF), FreeMarker.

Database, Web Development and Protocols

- Technologies: NodeJS, jQuery, AngularJS, Bootstrap, ChartJS, HTML5, CSS.
- Database: MySQL, MongoDB, Oracle.
- MQTT protocol and Mosquitto broker.
- Modbus RTU and TCP/IP protocol.

Linux and Embedded Systems

- Experience with some different distributions: Ubuntu, Debian, Slackware, Fedora.
- Device drivers for Linux kernel.
- Microcontrollers and development boards: Xilinx and Altera FPGAs, ATmega328, Raspberry Pi, Arduino, ESP32 (esp-idf).