Kristian Ecolango

JavaScript Developer | Front & Back End | Entry seeking full-time opportunities
Dallas, TX
-Email me on Indeed: http://www.indeed.com/r/Kristian-Ecolango/b6f132d76a2ada12

I am a full stack software engineer, with previous experience as an embedded systems engineer, and am thoroughly invested in gathering experience and depth of knowledge both professionally and personally. After graduating with a degree that prepared me to integrate hardware and software, my first job challenged my ability to wear many hats and adapt to new projects and teams quickly. The various roles that I was placed in provided me invaluable insight such as experience teamwork in several different settings, numerous management styles, as well as highlight just how invaluable soft skills are in the workplace.

At the height of the pandemic, I was laid off due to COVID-19's impacts, which allowed me to redirect my career path to one with a skillset that allowed aspects such as the integration that I had found so interesting during school, the collaborative teamwork that I work best in, and introduced flexibility to choose whatever industry, application, or technology I could think of.

Having completed an immersive and comprehensive online bootcamp, I proved my commitment to this career shift to myself and am currently solidifying my newly acquired skills through creating my own personal project. Whether that leads me to freelancing for practice or not, what I would really like is to find an opportunity at a company to learn industry standards for coding, collaboration, and mentorship, and really ground myself as a professional in the tech industry. I have experience with HTML5, CSS3, JavaScript ES6, Bootstrap, React, Node.js, Express.js, EJS, RESTful APIs, MySQL, MongoDB, Mongoose, and Git/GitHub, and am looking to gain knowledge in cloud providers such as AWS next. Previously I was coding in C for embedded systems.

Aside from software development, I am a huge advocate for consistent self-improvement, for myself and those around me, in all areas. My broad interests include fintech, watching all manner of sports, media consumption, and making lasting connections.

If you have an opportunity that you'd like to discuss with me, a project that you wouldn't mind me learning my way through, or just want to check out what I am working on at the moment, you can reach me at my LinkedIn at linked.com/in/kecolango, at krisecolango@gmail.com, or visit my GitHub at github.com/kecolango !

Authorized to work in the US for any employer

Work Experience

Associate Engineer II
L&T Technology Services Ltd. - Plano, TX
August 2019 to July 2020

Full Stack Developer, Remote (Internal Project) Apr. 2020–July 2020
• Collaborated with a team of four developing an internal Budget & Forecasting Web Application

• After familiarizing and integrated with the jQuery, Node.js, and MySQL stack, developed 20% of the application using mostly HTML5, JavaScript, and Node.js

Security and Risk Compliance Engineer for PepsiCo Inc, Plano, Texas (Contractor)   Oct. 2019–Apr. 2020
• Collaborated with a team of two facilitating the customer's (PepsiCo's) desire to standardize their Operational Technology (OT) cybersecurity implementation to their manufacturing sites worldwide
• Consolidated the current level of cybersecurity at sites in each sector into universally-used Excel trackers for transparent accountability of all documents received from each site
• Streamlined the process of gather site status information while updating and standardizing the documents and Excel sheets currently used by sites, as well as standardizing the process for information collecting from sites in the future

Associate Engineer, Peoria, Illinois (Embedded Systems Engineer Training)   Aug. 2019–Oct. 2019
• Trained for embedded systems design and development using an STM32 evaluation board

Undergraduate Researcher
Mobile Integrated Solutions Laboratory - College Station, TX
March 2016 to October 2017

• Provided technical support for STEM teams in a nationwide embedded systems design challenge
• Co-led an embedded systems workshop for middle school STEM students
• Co-led an IOT workshop for middle and high school STEM teachers

Education

B.S. in Electronic Systems Engineering Technology
Texas A&M University - College Station, TX
May 2018

Skills

• Embedded C (3 years)
• Soldering (3 years)
• Technical Presentations
• Internet of Things (IOT)
• HTML5
• JavaScript
• Git
• Node.js
• MySQL
• MongoDB
• Express.js
• GitHub
• CSS
• REST

- APIs
- React
- Bootstrap

Links

http://github.com/kecolango

http://linkedin.com/in/kecolango

Certifications and Licenses

The Complete 2021 Web Development Bootcamp
June 2021 to Present

• Comprehensive coverage of front-end, back-end, supporting frameworks and technologies, version control, and best practices of web development
• Constructed 25+ projects, from static to ready-to-deploy, used both to solidify conceptual understanding as well as combine technologies for increasingly more complete websites
• Integrated with RESTful APIs such as OpenWeatherMap and Mailchimp
• Created data-persistent websites utilizing MongoDB Atlas

Assessments

Mechanical knowledge — Highly Proficient
April 2019

Measures a candidate's ability to understand and apply mechanical concepts and processes.
Full results: Highly Proficient

Indeed Assessments provides skills tests that are not indicative of a license or certification, or continued development in any professional field.

Additional Information

• Programmed a BASYS2 Board using National Instruments' Multisim with the intention of having it be the intelligence of an autonomous robot utilizing digital logic
• Programmed a Teradyne FLEX tester using Visual Basic to learn the basic concepts of testing devices and systems, logging 80+ hours on the FLEX to test analog and mixed-signal devices and systems
• Used various project management skills and tools, including a Work Breakdown Structure, a Responsibility Assessment Matrix, a Network Logic Diagram, and a Gantt Chart
SENIOR DESIGN PROJECT
NASA Class-1E Facility Monitoring and Control System
Microgravity Automated Research Systems Team: System Integration Engineer

• Contracted by T STAR, a NASA affiliated company, to design a facility capable of managing and monitoring both power and data for long-term microgravity experiments on the International Space Station
• Utilized a TM4C1294N as the intelligence for the PCB designed to power and data manage, using TI-RTOS, and interfacing with a BeagleBone Black serving as the data manager, using Python, designed the physical layout of the payload and implemented it; designed a private network and connected it to the ISS's KuIP network: and delivered a fully functional and documented system
• Created and conducted 30-45-minute technical presentations, such as PDRs and CDRs, that contain information such as CBDs, FBDs, part selection justification, control flow diagrams, and PCB layout, in addition to the formulation of all necessary technical documentation relevant to the project
Capstone I
• Used various project management skills and tools, including a Work Breakdown Structure, a Responsibility Assessment Matrix, a Network Logic Diagram, and a Gantt Chart
Capstone II
• Developed a functioning Test Plan used to verify the turnkey system for full functionality as well as test all fail-safe functions
• Formulated necessary debug and testing tools designed to expose faults or failures within system, in addition to testing functionality