DIGILENT®

An **NI** Company

We are looking for amazing colleagues.

Open possition:

Back-End or Full Stack Web Developer

Learn more ❯

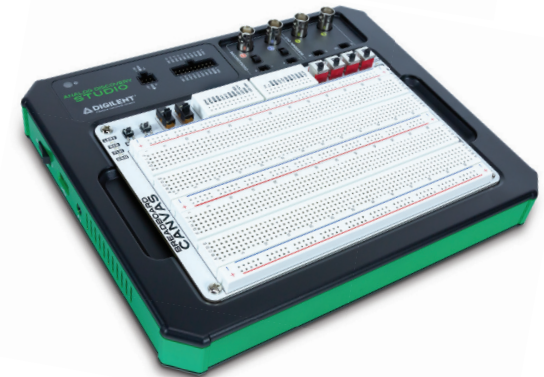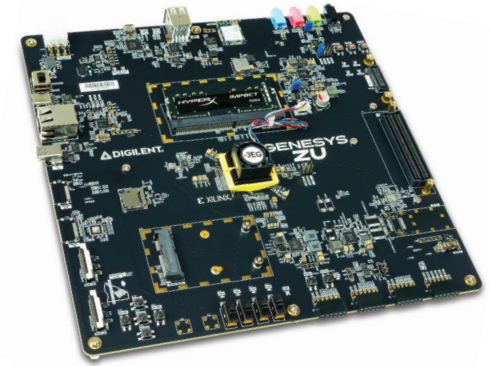# › About Digilent

About Us

Since 2000, Digilent (a wholly owned subsidiary of NI) has provided embedded engineers, researchers, scientists, and students with cost-optimized products, tools, and application information for innovative, FPGA and SoC based hardware-software systems. Our customizable and flexible solutions will accelerate development time for even the most experienced professionals, while maintaining low barrier to entry for advancing engineers, students, and the perpetually curious.

From our competitive pricing to the portability of our products and comprehensive documentation, we value delivering accessibility and lowering barriers to progress for our customers.

Digilent products are used throughout the world. Based in Pullman, Washington, we have offices, R&D, and manufacturing across three continents, as well as an extensive global distribution network so our customers can get the products they need as quickly and cost-effectively as possible.

What We Make

We specialize primarily in Xilinx-based FPGA/SoC development boards/kits and portable USB test and measurement devices, all designed to be owned by and used from an engineer's or student's desk. We also offer a variety of expansion modules (Pmods and Zmods) to create flexible I/O options for our other products.

Back-End or Full Stack Web Developer

We are looking for an experienced back-end web engineer to help architect, build and maintain our existing and upcoming web applications and infrastructure.

As part of the Digilent software team you will work closely with multidisciplined engineers on existing products like Multisim Live and help define and build the back end for new cloud-based test and measurement SaaS (software as a service) offerings.

This is a new position at Digilent, and we are looking for a self-motivated individual interested in maturing the role with us.

About the Software team
We are a small agile team working on many distinct products. Most of the engineers on our team are multidisciplined with expertise ranging from firmware, drivers, and desktop apps to cloud and web development.

We value efficiency and results and take an entrepreneurial approach to software development. We all love learning new technologies and sharing our expertise with colleagues. We believe in using the best tool for the job and love Azure Devops, git, AWS, TypeScript, Node.js, Angular, Python, Qt, and C++.

About You
You will be joining a small team of engineers and will focus on back-end web development. You should be comfortable working on multiple projects in parallel, excited to learn new technologies, and have a passion for creating robust and scalable back-end systems to solve complex engineering problems. We are looking for someone excited for the opportunity to define, architect, and build back-end infrastructure from the ground up.

What You Will Do
• Work closely with our Chief Architect and have technical ownership of the back end
• Architect, build, and maintain multi-tenant infrastructure to provide secure user access to all Digilent cloud services
• Define, develop, and maintain APIs to support Digilent web apps and direct customer access
• Help define and build IoT infrastructure for Digilent's test and measurement devices

Qualifications
• Computer Science, Computer Engineering, or Electrical Engineering degree or equivalent experience
• 3+ years experience in back-end web development
• Effective verbal and written communication skills in English
• Take initiative, be a self-starter, and work independently
• Work effectively in a group development environment
• Problem-solve effectively - diagnose technical issues and propose sensible solutions
• Passion for learning new technologies

Preferred Skills
• Django, TypeScript, React.js, Python, Serverless Framework
• Azure Devops for revision control, build, and test
• AWS for deployment (API Gateway, Lambda, IoT, S3, CloudFront, etc.)
• HTTP APIs, MQTT, WebSockets
• Database – Mongo, Postgres, Timescale
• Kubernetes, docker

Hours
Standard hours but may require limited adjusted hours to collaborate with our teams in US and Romania
We offer a stimulating work environment and prioritize work-life balance

Location
"The Office", building A, 2nd floor,
77th Boulevard 21 Decembrie 1989,
Cluj-Napoca, Cluj County, 400604
Remote, RO

Compensation
Competitive salary, annual performance bonus, employee stock purchase plan, medical services subscription, and other benefits
We are changing how we work by offering more flexibility. NI has decided to take a hybrid approach (working both on- and off-site) at an aggregate level.
We know that different roles have different requirements, so we're embracing a full range of options.

Send us your CV at

jobs@digilent.com