

## Automation and DevOps Software Developer

IDEX Biometrics (IDEX) is a global company designing and selling biometric fingerprints solutions to multi-billion-dollar markets including smart cards, mobiles and the Internet of Things. The company is in the early phase of commercialization preparing for volume deliveries and is also developing next generation products.

We need a Software Developer to be a part of building the best development operations infrastructure, tools, and processes possible. We are a growing company with engineers in Asia, US, and Europe that need fast, easy to use and highly effective systems. We are scaling the company's capability via automation. This includes automation in test, release, build, configuration management, and corporate processes. The ideal candidate is interested in thinking differently about how to solve problems of scale, a self-starter, and able to take ownership of both design and implementation.

You will be part of a small team and will work independently, collaborate with a global and cross-functional team. You are someone who loves to make an impact and loves a fast-paced environment. You enjoy working with highly talented engineers who appreciate quality tools and systems. You love to take complicated problems and present simple interfaces to your customers. You are eager to tackle a variety of development tasks and problems.

### Tasks and responsibilities:

- Design and implement software applications that solve problems of organizational scale.
- Design and implement automation solutions for build, test, release, reporting, and tools for embedded products.
- Design and implement solutions that cross the cloud-to-lab barrier.
- Work collaboratively with all product development teams to design, deploy and operate our systems.
- Design and implement systems to monitor the DevOps toolchain.
- Work to simplify and improve existing tools and interfaces.
- Provide training and assistance for users.
- Resolves complex issues, conduct research, and recommend solutions.

### Expertise:

- Must have: 3+ years working with complex software systems.
- Must have: Scripting and development skills in Python, bash, PHP, Ruby, Javascript, etc.
- Must have: Code development skills in C/C++/C#/Objective-C, Swift, or Java
- Must have: Experience with testing one's own implementations
- Must have: Experience with Continuous Integration, Test, and Delivery
- Must have: Experience with tools such as Jira, Git, Jenkins, and Wiki.
- Nice to have: Experience working in an Agile environment and TDD methodology
- Nice to have: Experience with web application development and cloud computing
- Nice to have: Experience with Infrastructure-As-Code
- Nice to have: Background in Linux and/or server administration.
- Nice to have: Familiarity with open source technologies and cloud services

### Education:

- Associates / BS / MS (or equivalent experience) in Computer Science or related field

### Personal capabilities:

- Ambitious; able to work independently; self-assured and outgoing; dependable and able to deliver
- Creative, pragmatic and easy to work with.
- A great desire to learn new tools, technologies, and skills.
- Able to verbally present and document ideas and designs
- Excellent problem solving and debugging skills.

**Work Place:**

Full-time position in Wilmington, MA. Telecommuting is an option assuming occasional ability to travel to parts of US, Europe and possibly Asia.

**Travel Activity:**

- Occasional domestic and international travel, depending on projects