

**JOB TITLE:** MID TO SENIOR BACK END ENGINEER OR FULL STACK ENGINEER

**LOCATION:** ANN ARBOR, MI

#### OVERVIEW

##### **Rethinking Building Information Modelling from the ground up... And all the way to the Cloud**

At Invicara, we're using the latest technologies and tools to build next-generation software to transform the building industry. Our platform brings the best of key technologies like the Cloud, BIM, Mobility, Big Data, Search, Analytics and more, all targeted at dramatically improving the design, construction and operation of buildings.

We are looking for talented **Mid to Senior Back End Software Engineers or Full Stack Engineers** to work closely with our world-class team of industry experts and engineers creating state-of-the-art experiences for a game-changing cloud application. We need strong critical thinkers who are able to learn new technologies quickly; therefore, our ideal candidate may possess just a few, some, or a combination of the desired technologies.

If you are highly motivated and have **5+ years** of experience in increasingly challenging assignments, and a strong team player that lives and breathes technology and craves solving interesting problems in a fast and innovative environment, join us, we want to work with you.

#### ROLE EXPECTATIONS

#### REQUIREMENTS

- Be fanatical about designing / building great products and advocating for our users throughout the product development cycle
- Have a deep-rooted need to be a collaborative team player
- Possess excellent analytical, problem-solving, and communication skills
- Have a "never give up" attitude
- Be passionate about technology and learning
- Have the ability to multi-task and manage multiple priorities while working independently
- Expertly apply design patterns, object-orientated methodologies, testing techniques, and debugging skills
- Be able to design, document and implement server side solutions
- Have a 100% commitment to software quality
- Possess excellent oral and written communication and presentation skills used to interact with clients
- Operate efficiently and effectively given limited oversight and direction with the ability to jump in quickly and learn by asking the right questions.
- Work with cross-functional product teams including Program Management, Product Strategy and QA.

#### QUALIFICATIONS AND EXPERIENCE

- Bachelor's or associate degree in computer science or a related discipline, or a combination of education and relevant work experience.
- Programming skills – You are comfortable writing code in multiple languages, confident in choosing the right strongly or dynamically typed language for the job. Preferred language familiarity C++, Java, API, NodeJS, Javascript, Java Web Services, Json, Python, Ruby, Scala, and/or Go
- Experience using and creating RESTful APIs.
- Database skills – You understand the use cases for relational and non-relational data, you've implemented code against several different database platforms.
- Developing enterprise platform services utilizing object oriented methodologies
- Development experience - Java Web Applications, Service Oriented Architecture and Micro-Services
- Knowledge of configuration management tools, monitoring tools, performance tools, cloud platforms, and software delivery tools
- Experience with containers and cloud tech like Docker, AWS, Rackspace, Azure, VMWare, etc.

- Experience with tools like Consul, Cassandra, DataDog, Kafka, Spark, Splunk, Vault preferred
- Experience with source control systems such as Git and Maven
- Excellent troubleshooting and problem solving skills
- Must have the ability to be a self-starter and work independently on technical projects but also work collaboratively with project team members through an agile development process that promotes constant team communication
- Experience working in multinational / multicultural environment
- Excellent teamwork and people skills
- Critical thinking & problem solving skills
- Strong troubleshooting and debugging skills

**DESIRED SKILLS**

- AEC industry is a plus (Architecture, Engineering and Construction)
- BIM experience is a plus (Building Information Modeling)
- Experience with Amazon Web Services, WebGL or CAD software a plus.
- Experience with Atlassian tool set; JIRA, Confluence, HipChat
- Working with remote teams and individuals in different time zones.

**BENEFITS**

- Competitive Salary
- Competitive benefits that start on day one!
- 401K matching and annual target bonus
- Paid vacation and sick time
- Unlimited snacks and beverages
- Casual dress code and atmosphere

**OTHER INFORMATION**

Travel: The position is Ann Arbor based and does not involve regular travel. If required, travel will be less than 10%

Job Type & Reporting: Individual contributor reporting to the Director of Development

\*\*\*\*NO THIRD PARTIES\*\*\*\*

Job Type: Full-time

Job Location: Ann Arbor, MI 48103