



# Software Engineer | Various Levels

Location: Durham, NC

## Who is FlexGen?

FlexGen is building large scale battery storage power plants that are enabling a future of clean, renewable power. We combine expertise in clean energy technologies with modern software architectures to create power plants that are fast to deploy, highly reliable and a pleasure to operate. Our customers and partners include the most technically and commercially demanding developers, utilities, government agencies and industrial companies in the world.

**290**  
MW

installed in  
6 countries

**171**  
MWh

installed

**224,920**  
hours

of run time

## Notable Deployments

- World's Largest Black Start Battery
- #1 Largest Battery in Texas
- 80% Market Share in Texas
- 1<sup>st</sup> Utility Scale Battery for PacifiCorp

## Responsibilities

As a Full Stack Engineer, the ideal candidate will be comfortable developing web front ends with a JavaScript application framework, and implementing on the back end (routes, REST APIs and database interfaces). The candidate will need experience configuring, developing and deploying in a Linux Environment. Expectations include performing a variety of product development and new product introduction activities, designing and coding software components and modules. Using good software design techniques and architectures is expected. Additionally, this Full Stack Engineer will help prepare for and support product deployments at customers sites.

This candidate will directly impact the enhancement of FlexGen's HybridOS energy management system product line for large scale, renewable and clean generation storage sites.

If you are someone that thrives in an entrepreneurial environment, and is an innovative, independent critical thinker, with quick follow-on execution, then FlexGen's culture will fit you well. This role reports to the Software Engineering Manager.

## Required Qualifications

- BS, Computer Science or Engineering
- Minimum of two (2) years of work experience designing and implementing web based software systems
- Experience with HTML5/CSS and JavaScript
- Experience with a major JavaScript application framework (React, Angular, or Vue)
- Experience building and consuming internal APIs (REST)
- Experience building and working with databases (MongoDB, InfluxDB or similar)
- Comfortable with testing frameworks (such as Jest, Cypress or Selenium) and other tools supporting quality in the build pipeline
- Experience in dynamic/evolving projects
- A portfolio of completed projects through one full life cycle, from concept to full production
- Ability to effectively communicate in formal and informal setting, both internal and customer related

## Desired Qualifications

- Understanding of fundamentals of TCP/IP networking
- Experience with Linux operating systems
- Data security / Encryption
- IoT and Cloud Service Delivery