

Back End Web Developer / Engineer

A Back End Web Developer uses modern, open source software to prototype and deploy back end web applications, including all aspects of server-side processing, data storage, and integration with front end development.

The Back End Web Developer will perform web development using open-source web programming languages (e.g., Ruby, Python) and frameworks (e.g., Django, Rails); develop and consume web-based, RESTful APIs; work in team environments that use various methodologies (e.g., Scrum, Lean); author developer-friendly documentation (e.g., API documentation, deployment operations); test-driven development techniques; use version control systems (e.g., Git and GitHub); research and learn new programming tools and techniques; develop relational and non-relational database systems; develop scalable search technology (e.g. Elasticsearch, Solr) to handle large data sets and scaling their handling and storage; work with open source solutions and community; and communicate technical concepts to a non-technical audience.

Back End Web Developers will possess knowledge and experience in ability to translate technical work into user-friendly visuals; working on the back-end coding while staying plugged into emerging technologies and trends to ensure that the website is current and well maintained at all times; have a solid understanding of how web applications work including security, session management, and best development practices; programming skills HTML/CSS, security knowledge, and session management; and knowledge in one of the following programming languages: PHP, ASP.NET, JavaScript, or Ruby on Rails.

Experience

This classification must have a minimum of four (4) years of experience in back-end web applications, open-source web programming languages and frameworks, emerging technologies and trends, and best development practices.

And Education

This classification requires the possession of a bachelor's degree in an IT-related or Engineering field. Additional qualifying experience may be substituted for the required education on a year-for-year basis.