



**FRONT END DEVELOPER
DEEP ROOT ANALYTICS
ARLINGTON, VA**

Company Overview

Deep Root is an audience-powered analytics company that: identifies a client's ideal audiences, analyzes how the audiences consume media for optimal advertising, integrates the audiences into platforms for linear, addressable and digital ad delivery, and measures how the audiences are being impacted by paid and earned media.

Job Description

Deep Root Analytics is looking for a Front End Developer to work with our team to help visualize data, build a great UX/UI, and deliver a best in class customer experience. This position may be D.C. based or fulltime remote in the US and reports to Bob Richards, SVP Engineering. We are seeking someone with a computer science background with a focus on front end and data visualization to join the Engineering team. They will work with our Product team to build tools for our customers to access the Deep Root suite of products, which include media analytics and microtargeting capabilities. The role requires a professional experience in coding and scripting languages as well as time management and prioritization skills.

The Engineering team is responsible for data health and quality in every step of the pipeline process, from initial ingestion to deployment and visualization. The Front End Developer will work with Client Relations, Product, and Engineering to design and build user interfaces to be used by both our customers to visualize our data and by our Deep Root employees to QA data and perform other functions. The ideal candidate must be adaptable and comfortable moving between systems. Additionally, they must be curious, hard-working, and independent, as we expect them to solve complex problems using their own experience and critical thinking skills.

Specifically, the Front End Developer will be responsible for the following:

- Working with the Product team to build web sites and tools for both internal users and customers
- Working with Data Science and Client Service teams to develop and continuously improve data visualization for our customers
- Craft engaging visualizations with interactive components



Qualifications & Skills

- Bachelor's degree in Mathematics, Computer Science, or related field
- 3+ years of experience using JavaScript with experience in frameworks such as Vue, Angular, or React and with graphing tools such as D3 or Highcharts
- Expert level knowledge of Tableau and other BI software
- Strong familiarity with data visualizations best practices
- Experience with "XaaS" cloud services — we are an AWS shop but will consider candidates with similar experience on other cloud platforms
- Experience with coding tools such as Jira and Git, and a strong grasp of version control concepts
- Familiarity with Ruby on Rails or other web application frameworks
- Proficient with different flavors of SQL, especially PostgreSQL, including understanding of under-the-hood concepts like indexing and analysis of query plans
- Excellent communication skills, both written and oral, especially when explaining difficult technical concepts to people in non-technical roles
- Strong analytical skills, especially when working with multiple large datasets

Application:

- Please email a resume, cover letter and three professional references to info@deeprootanalytics.com with the subject line: FRONT END DEVELOPER