

Full Stack Developer

Are you inspired to work with a team that safeguards public health every day? Do you care about protecting the environment and preserving the quality of life throughout our communities?

SmartCover serves the water and wastewater industries as a leader in remote monitoring technology – helping to predict, detect, and prevent sewer contamination events. We are looking for a passionate and talented Full Stack Developer with the knowledge, motivation, and energy to develop scalable solutions to real world challenges. As a Full Stack Developer, you'll be required to apply your depth of knowledge and expertise to all aspects of the software development lifecycle. You'll be a part of a collaborative, trusting, thought-provoking environment with a cross-functional team that encourages diversity of thought and creative solutions.

What You'll Do

The ideal candidate uses analytical thinking to write pragmatic code and strive for simplicity, while bringing technical insights to refine and improve the system, ultimately ensuring performance, stability, and an exceptional end user experience. As the Full Stack Developer, you should be comfortable around both front-end and back-end coding languages, development frameworks and third-party libraries. You should also be a team player with a knack for visual design and utility.

Front-end technology: Expertise in front-end technologies, including JavaScript, CSS, HTML5 and third-party libraries such as React, jQuery and Angular.

Backend: Knowledge and experience with languages such as Python, PHP, Java and Perl.

Database: Experience with DBMS technology, including MariaDB and MySQL.

Server: Familiarity working with Nginx or Apache servers with a solid background in Linux. Experience with AWS, GCP and/or Azure is a plus.

Basic design ability: Including knowledge of UI/UX and basic prototype design.

Responsibilities

- Work with development teams and product managers to ideate software solutions
- Design client-side and server-side architecture
- Build the front-end of applications through appealing visual design
- Develop and manage well-functioning databases and applications
- Write effective APIs
- Test software to ensure responsiveness and efficiency
- Troubleshoot, debug and upgrade software
- Create security and data protection settings
- Build features and applications with a mobile responsive design
- Write technical documentation
- Work with data scientists and analysts to improve software

Required Qualifications

- Degree in Computer Science, Statistics, or relevant field
- Proven experience as a Full Stack Developer or similar role
- Experience developing desktop and mobile applications
- Familiarity with common stacks



- Knowledge of multiple front-end languages and libraries (e.g., HTML/CSS, JavaScript, XML, jQuery)
- Knowledge of multiple back-end languages (e.g., PHP, Python, Perl, etc.) and JavaScript frameworks (e.g., React, Laravel, Angular)
- Familiarity with databases (e.g., MariaDB, MySQL), web servers (e.g., Apache, Nginx) and UI/UX design
- Familiarity with cloud computing services (e.g., AWS, Google, Azure)
- Embedded firmware development knowledge is a plus
- Excellent communication and teamwork skills
- Strong attention to detail and advanced organization skills
- Excellent writing and communication skills
- Ability to visualize a proposed system and be able to build it

About SmartCover:

SmartCover is a pioneering technology company primarily serving the wastewater sector. Over 500 cities rely on our industry leading remote sewer monitoring software to predict, detect, and prevent sewer infrastructure emergencies. We manage the largest collection system monitoring project in the U.S., logged over 190 million operating hours, hold 17 patents, and serve public and private utilities with thousands of installations in the U.S., Canada, and Mexico. SmartCover has an established performance record with references from small to large utilities and world class customer service -- we're driven by the mission to safeguard public health, protect the environment, and preserve the quality of life throughout communities across North America. Established in 2005 with headquarters in Southern California, the company is on an accelerated growth path in partnership with XPV Water Partners. To learn more visit SmartCoverSystems.com.

Title: Full Stack Developer

Reports to: Chief Technology Officer

Department: Engineering

Location: Remote, North America

Status: Full Time

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