POSITION DESCRIPTION: FULL STACK SOFTWARE ENGINEER

Visible Network Labs (VNL) is looking for a full stack software engineer eager to put their experience writing front end and back end code and problem solving skills towards building PARTNER - a powerful (social) network data analysis and strategy tool. Visible Network Labs works with national and international partners to track ecosystem data over time to build organizational and outcome strategies. We are currently seeking an experienced Full Stack Software Engineer to support both ongoing and new VNL technology products. If you want to join an innovative and dynamic team and use your skills to develop tools for organizational and systems change, we would love to hear from you!

Job Type/Pay: Full-time, salaried/exempt You'll receive competitive pay, benefits package (including medical, dental, vision), 401k and other benefits.

Position Description: In this position, you will work closely with a 3 person development team to build and scale functionality associated with VNL's PARTNER Platform, user-facing dashboards and survey tools, and other VNL technology products. The full stack software engineer will do front-end and back-end coding, troubleshoot and fix bugs in the system, participate in UX/UI activities, and use knowledge of software programs to grow and innovate VNL's products. Experience with server-side programming, a relational DBMS, and Javascript are required. Experience in PHP, MySQL, and Vue.js are preferred.. This position works with other VNL teams on an as-needed basis.

Your work will include:
· Maintain the current/existing products
· Troubleshoot/diagnose escalated customer support requests
· Deliver relatively bug-free code within our weekly development sprints
· Fix bugs within the system
· Implement new frontend features
· Update UX/UI of existing products
· Work with Project Management to scope and define requirements
· Develop new API endpoints
· Write SQL queries to efficiently retrieve data
· Perform research as needed to identify the latest techniques and apply to relevant features
· Collaborate with our entire team to ensure the best product for our users
· Work in collaboration with other VNL team members
· Adhere to VNL data and participant confidentiality requirements
· Other duties as assigned

Skills and experience are necessary, but we hire on value alignment first, so if you feel you would be a good fit with us, still consider applying.

Qualifications:

Education/Experience	
Must Haves:	**Preferred:**

● Bachelor's degree in Computer Science and/or Computer Engineering, or commensurate experience ● At least five years' experience writing software ● Effective project/program management skills	● Exposure to Social Network Analysis algorithms ● Knowledge of network science highly preferred ● Experience working on an Agile development team ● Experience using Git for version control

Server Administration:

Must Haves:	Preferred:
● An understanding of basic protocols that are regularly used (SSH, SCP, SFTP, HTTP, HTTPS) ● Database Administration	● Unix/Linux Systems Administration ● Network Administration ● Unix/Linux command line experience ● CentOS/RHEL ● Apache HTTP Server

Backend Technologies:

Must Haves:	Preferred:
● Experience building/testing APIs ● Experience writing server-side code ● Experience with at least one relational DBMS ● Experience writing SQL queries	● PHP ● MySQL ● Shell scripting ● Security Auditing ● R ● WordPress development ● Experience tracing and optimizing bottlenecks

Frontend Technologies:

Must Haves:	Preferred:
● HTML ● CSS ● Javascript ● Experience with at least one Javascript framework ● Experience using asynchronous HTTP requests in Javascript	● Vue.js ● Progressive Web App development ● SVG ● ECharts ● D3.js ● ArcGIS

About us: Visible Network Labs (VNL) is a social enterprise with a mission to support the use of data-driven strategies to coordinate ecosystems of people, organizations, and communities to achieve outcomes. We provide training, evaluation and research opportunities for collaborative

innovation, and technology-based tools that help people leverage network science to strengthen supportive connections and improve the outcomes of their work.

VNL is a small team with a strong positive culture that anticipates growing over the coming months in several areas including training, research and evaluation, and technology. Our team is made up of people focused on our core values and reaching goals for ourselves and our partners. We have a long history of working with the public, private, and nonprofit sectors, and over 20 years of doing training, facilitation, network, development and systems evaluation work. A sample of our clients include the Bill and Melinda Gates Foundation, Robert Wood Johnson Foundation, County Health Rankings and Roadmaps, ReThink Health, Kaiser Permanente, Veteran's Administration, Help Me Grow, and dozens of other foundations, public health departments, universities, and other nonprofit, public, and private sector clients.

When applying

Submit your resume, cover letter, and contact information for 3 references to sara@visiblenetworklabs.com. Job is open until filled.

Include examples of what you've developed and published demonstrating your prowess. Be prepared to discuss and demonstrate your skills in a collaborative interview.

In your cover letter let us know a little more about you. What do you like to do? What makes you interested in Visible Network Labs? Do you have experience with social network analysis, ecosystem building, or data-driven strategies? What do you bring to a team besides your coding skills?

Thanks for your interest in applying! We are excited to hear from you!

VNL is an equal opportunity employer. All employment decisions at VNL are based on business needs, job requirements and individual qualifications without regard to race; color; religion or belief; gender identity or expression; national origin; political affiliation; sexual orientation; marital, civil union or domestic partnership status; mental, physical or sensory disability; genetic information; age; HIV status; membership in an employee organization; pregnancy; parental status; military service; or any other status protected by law. Candidates who are underrepresented in the field of computer science, computer programming, software development, and technology are strongly encouraged to apply.