



Pearl is looking for a **Senior Full Stack Engineer** with at least 8 years of industry experience. You will be responsible for building and maintaining many of the core applications that power Pearl. You help lead a team of engineers and computer vision specialists to build both internal tools for visualization & analysis, and external products that customers will use on a daily basis. This role requires a deep understanding of AWS and services such as Lambda, API Gateway, SQS, and software libraries that interface with them such as Serverless. An understanding of SPAs and the technology used to build them is a must. You must be well versed in the challenges of building responsive applications for browsers and how to properly secure them while writing clean, well tested, maintainable code. The ideal candidate is just as passionate about technical mentorship as they are about technical prowess.

Responsibilities:

- Design, develop, and maintain new features and improvements in several of Pearl's applications
- Interface with the Product team to design and build new applications
 - Web-based applications (React/Vue)
 - Desktop applications (Electron/React/Vue)
 - API development (Node/Express/Serverless)
- Implement and oversee testing (Jest), ensuring proper functionality and graceful degradation on multiple browsers
- Interface with the Machine Learning team to enforce data collection requirements in the applications you build
- Interface with Machine Learning team to solution algorithmic training pipelines
- Work with Engineering to improve and maintain a rapidly growing datastore
- Perpetually work to identify and improve usability in all of Pearl's applications
- Provide outward-facing technical support to both clients and partners
- Act as a technical mentor and offer appropriate guidance to Engineering

Requirements:

- At least 8 years of JavaScript experience

- Core understanding of JavaScript, including ES6/7 and modern building tools such as Webpack, Babel, and NPM/Yarn
- Knowledge of REST API development with Node/Express or similar
- Advanced understanding of SQL and the ability to write efficient, performant queries
- Extensive knowledge of Web technologies like HTTP(S), CDNs and server-side caching techniques
- Extensive experience working directly with the DOM and experience working with modern JavaScript Frameworks
- Knowledge of HTML5 and CSS3 features, polyfills and graceful degradation
- Extensive experience with cross-browser compatibility and browser developer tools
- Experience with embedded 3rd party scripts
- 5+ years of experience with AWS
- Experience with Git, automation tools and command-line style of work
- Proven track record of designing and building both web-based and desktop applications
- Enthusiasm for exploring new technologies and a strong ability to learn on the job
- Excellent problem solving skills
- Excellent communications skills - both technical and non-technical
- Humble, intelligent, and positive attitude

Pluses:

- Experience with Serverless Architecture/FaaS platforms
- Familiarity with healthcare/HIPAA compliance and with handling PHI

Perks:

- Talented, energetic teammates
- Fun and fast-paced work environment
- Ongoing learning and development
- Stock options, 401k, medical/dental/vision benefits
- Unlimited vacation policy