



JOB ADVERTISEMENT

Position: Consultant Software Engineer – Full Stack

Timing: Position available immediately and will remain open until filled.

About HB-Risk:

Founded in 2014, Haselton Baker Risk Group (HB-Risk) is the creator of SP3, a next-generation building-specific analysis platform that provides unprecedented resolution in seismic risk assessment. SP3 is used globally to design resilient buildings, help building owners manage their risk, and support decision making for mortgage risk and insurance risk pricing. With the recent release of the *SP3-Portfolio*, our SP3 technology can now also be used to assess millions of properties, including aggregate risk modeling for insurance applications. SP3 is also used for research and teaching at institutions such as UC Berkeley, UCLA, Stanford University, University College London, and University of Colorado at Boulder. Learn more about us at: www.sp3risk.com.

About the Position:

Our Stack consists of software predominantly using Node.js, Python, React/Redux, Postgres, DynamoDB, and a lot of AWS services. Every engineer has the opportunity to significantly impact the design and direction of our user experience, functionality, and architectural practices. A primary goal our team is to help make safer and more resilient buildings in the seismic areas of the world, so you can go home at night knowing your efforts are having a positive impact on the future of society. Are you interested in developing a micro-service oriented architecture with RESTful APIs? Maybe you just want to consume some of those APIs in a front-end framework like Angular? Either way a position at HB-Risk might be right for you.

We are looking for a Software Developer that:

- Wants to work on a nimble team that is transforming how we design and assess risk to the built environment in seismic regions.
- Is interested in the exciting and fast-paced environment of a start-up company.
- Has a strong desire to learn and grow and has the ability to quickly master new things.
- Has a team mentality and can work effectively in a team environment.
- Has excellent verbal and written communication skills.
- Is comfortable giving and receiving code reviews.
- Welcomes changes to requirements as we learn from customers.

Required and preferred skills and experience are as follows:

- Bachelor's degree in computer science, software engineering, a related field, or equivalent experience.
- 3+ years of experience in web application development.
- Experience maintaining clean, organized, and well-documented code using Git.

- Experience with Software Development Design Patterns.
- Experience with JIRA issue tracking software for Agile development.
- Experience service-oriented architecture.
- Experience with HTML5 & CSS3.
- Experience with Python.
- Experience with Matlab.
- Experience with JavaScript (React/Redux / Node.js preferred).
- Experience with Geo Spatial Mapping Technologies – MapBox, Google Maps, QGIS, GeoServer, etc.
- Experience with Flow/Typescript.
- Experience with writing tests frameworks like Jest, Postman, Selenium.
- Experience designing, maintaining, and optimizing SQL and NoSQL databases.
- Experience with Docker / working with containers.
- Experience with cloud-deployed network solutions. (Amazon Web Services preferred)
- Experience implementing working with an API Gateway.
- Basic knowledge of Linux.

We are looking for a part-time consultant (10-20 hours per week with flexible term) to work either remotely or in-person at our Chico office location. Time-base is flexible and will be tailored based on the applicant and the needs of the company. Compensation will be commensurate with qualifications and experience.

To apply for this position, please provide your resume and a cover letter that explains how your qualifications and experience fit with this position. Please send your application materials to careers@hbrisk.com. Please also feel free to contact the SP3 Team with any questions, either by e-mail or by calling the office.