



Job Posting | **Web Developer**

Land IQ is seeking a Web Developer in its Sacramento, California office.

The successful Developer candidate will be responsible for working with our team of remote sensing/geospatial experts in a range of environmental, agricultural and ecosystem disciplines. Applicants must have strong fundamentals in developing high quality geospatial solutions including web and desktop applications. The Developer will be expected to design custom applications to increase the functionality of standard software, automate GIS data functions, integrate databases, and create public/private web maps and data management applications.

Hands-on experience with MEAN stack and Flask application development is required. The candidate must have experience developing web applications and automating tasks through scripting languages, as well as managing a wide range of Amazon Web Services. Programming experience should include experience in languages including Python and JavaScript. ESRI suite of software experience is a plus, including working within or administering a complex ArcGIS Online organization.

The applicant must also have excellent communication and leadership skills, and a demonstrated ability to manage multiple tasks and perform work on-time and within budget resources. General knowledge of the natural resource/earth science field is a plus.

Position Location:	Sacramento, CA
Hiring Timeframe:	Immediate
Employment Type:	Full Time, including benefits
Salary:	\$85,000 – \$110,000 depending on level of experience

Primary Responsibilities:

- Develop unique solutions to address a wide range of complex environmental challenges.
- Utilize knowledge of hardware, software and application life cycles to deliver high quality products, tools and software enhancements in accordance with best practices
- Work in a team environment on a wide range of projects, supporting our team of scientists, remote sensing analysts, and other science-based disciplines.
- Be organized and methodical with communication and documentation capabilities
- Develop and refine existing applications, geospatial analysis protocols, and spatial and statistical modeling applications to help solve complex environmental and agricultural resource problems.
- Applicant must have the ability to make analysis protocols actionable through scripting and/or other programming capabilities.

Required Qualifications:

Education: B.S. required, M.S. preferred in: Computer Science, Geographic Information Systems, Management Information Systems, or related field.

Experience required: 1-3 years of experience as Developer or closely related position

Required Technical Competencies:

Minimum of 1-3 years' experience in:

- ◆ Developing in Python, JavaScript, TypeScript, HTML, CSS.
- ◆ Expertise with Angular, Flask, JQuery, REST, Nodejs and deployment with IIS.
- ◆ Proficient in databases including SQL Server, PostgreSQL, and MongoDB.

- ◆ Strong with cloud platform including Heroku and AWS, such as Elastic Beanstalk, EC2, S3.
- ◆ Expertise in network and application security.
- ◆ Project management and team lead.
- ◆ Familiar with Agile, git and debugging tools.

Preferred Additional Qualifications:

- ◆ Fluency in ESRI suite of software, including ArcGIS Pro, Collector for ArcGIS, Web App Builder Developer, ArcGIS JavaScript API, and custom widgets development.
- ◆ Create, modify, and maintain custom scripts and routines for GIS processes automation and applications using libraries such as the ArcGIS API for Python, ArcPy, and GeoPandas.
- ◆ ArcGIS Online; Experience managing multiuser GIS licenses, systems, databases, and environments.
- ◆ Experience developing desktop applications with Electron.js and PyInstaller
- ◆ Applied GIS experience within natural science/engineering fields

Professional Skills:

Positive/enthusiastic attitude; self-motivated; team player, strong organizational skills, advanced communication and writing skills; personable; ability and desire to learn; develop and evaluate new ideas and approaches; attention to detail; strong QA/QC experience; effectively prioritize tasks and plan work; seek new geospatial solutions, applications and opportunities.

Contact: Please send resume/cover letter to dhansen@landiq.com. Also visit our website for more information at www.LandIQ.com.



Land IQ specializes in providing solutions to challenging environmental agricultural problems throughout the western United States. Our area expertise include soil and water science, water quality and supply evaluation, land surface analysis, agricultural systems, ecosystem restoration, statistics, remote sensing, geospatial analysis, and regulatory policy. Land IQ helps clients develop high value, scientifically sound proactive solutions to their complex, large-scale environmental challenges.

We offer competitive compensation, complete benefits packages, 401(k) and training and development opportunities. Our Sacramento office is centrally located in northern California in a thriving region of culture, arts and in close proximity to a full range of recreational activities associated with the Sierra Nevada and Coastal mountains, scenic river, Pacific coast, and California foothills.