



## **POSITION ANNOUNCEMENT: Jr. Software Developer**

### **Lux Company Overview**

Lux Consulting Group, Inc. (Lux) is a dynamic, award-winning small business providing professional services to help government and non-government agencies run social and scientific programs at the local, national and international levels. Lux operates as a remote/telework/virtual workplace with headquarters in College Park, MD.

### **Position Description: Jr Software Developer**

We are seeking a talented and motivated Junior Software Developer with expertise in Java, Python, and cloud services like AWS to join our team. In this role, you will design, develop, modify, and implement innovative solutions to address both short- and long-term information technology needs. This includes working with new and existing applications, databases, and infrastructure. You will interpret system requirements, analyze business processes, and deliver robust, efficient software solutions.

This is a full-time remote position with benefits. The schedule may vary based on business needs or unforeseen circumstances. While primarily remote, occasional travel may be required for meetings, training, or site visits.

### **Key Responsibilities**

- Design, develop, test, and deploy applications using Java, Python, and related technologies.
- Be actively involved in all phases of the software development life cycle, from requirements gathering to deployment and maintenance.
- Design, implement, and optimize database solutions using SQL and DynamoDB.
- Collaborate on the development and maintenance of AI-powered applications, ensuring their scalability and performance.
- Utilize AWS and other cloud platforms to deploy, manage, and monitor applications.
- Troubleshoot, debug, and resolve application and infrastructure issues.
- Write clean, efficient, and well-documented code in adherence to team standards.
- Contribute to the design and implementation of cloud-native architectures.
- Collaborate closely with infrastructure teams to understand challenges across different environments and design effective solutions.

- Stay informed on emerging technologies in AI, cloud computing, databases, and software development.

## Minimum Qualifications

- Bachelor's Degree in Computer Science, Information Technology, or a related field.
- 1+ years of experience as a Software Developer.
- Experience developing and maintaining software applications using Java and Python.
- Experience with Java frameworks such as Spring and Spring Boot.
- Experience with Python frameworks such as Flask, Django, or FastAPI.
- Proficiency in basic database design and working with SQL databases.
- Experience with Amazon Web Services (AWS), including services such as Lambda, DynamoDB, S3, and EC2.
- Experience with HTML, CSS, and JavaScript for front-end and web application development.
- Strong problem-solving skills and a collaborative team spirit.

## Preferred Qualifications

- Familiarity with WordPress and its ecosystem for content management.
- Experience working with Agile methodologies and practices.
- Experience with web application development, including front-end and back-end integration.
- Familiarity with build tools such as Ant and Gradle for managing dependencies and project automation.
- Knowledge of cloud platforms like AWS, Azure, or similar.
- Familiarity in DevOps practices and tools such as Jenkins, Git, and CI/CD pipelines.
- Familiarity with Microsoft Dynamics, Power BI, and/or Power Automate.
- Experience developing and engineering applications for small companies or startups.
- Experience working with Federal or State government projects, including compliance requirements.

**Status/Salary Range:** Full Time, Remote \$76,000 - \$90,200

## What We Offer

- A fun, dynamic working environment with an energetic and diverse team.
- An inclusive culture where everyone is welcome.
- Competitive compensation commensurate with experience.
- Medical, Dental and Vision coverage.
- Short & Long Term Disability in addition to Life Insurance (company sponsored).
- 401k Retirement Savings Plan through ADP (After 3 months of employment).

- Paid Time Off (PTO)- Full Time Accrual.

## **EEO**

Lux is proud to be a minority-led, Equal Opportunity Employer. We're committed to building a diverse and inclusive workplace where everyone feels welcome and can bring their whole selves to work. We believe a team that reflects a variety of backgrounds and perspectives helps us better serve the needs of our customers and we celebrate diversity in all forms. As an Equal Opportunity Employer, we're committed to living out these values in all aspects of hiring, employee engagement and retention.

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## **How To Apply**

Interested candidates should submit a resume, references, and cover letter addressed to Johnny Erickson, CIO, at [HR@luxcg.com](mailto:HR@luxcg.com). The cover letter should include the name of the position and start date availability. *Please note: Resumes submitted without a cover letter will not be considered.*

[www.luxcg.com/open-positions/](http://www.luxcg.com/open-positions/)