



Database Engineer – (Junior / Mid-Level)

<i>Date Posted:</i>	September 2024
<i>Job Title:</i>	Database Engineer – (Junior / Mid-Level)
<i>Req Number:</i>	6000-505
<i>Location(s):</i>	Herndon, VA Melbourne, FL
<i>Position Type:</i>	Full-Time, W-2 Employment
<i>Salary Range:</i>	\$115,000 to \$175,000 per year depending on relevant professional skills and experience. Total compensation includes a competitive salary, cash and strategic incentives, professional development and comprehensive benefits.
<i>Experience:</i>	5+ years of relevant professional experience with Bachelor's, 3+ with Master's or none with a PhD
<i>Education:</i>	Bachelor's or Master's degree in Software Engineering, Computer Science, Information Systems, or related field
<i>Security:</i>	Current / active TS/SCI clearance with CI polygraph or willingness to take one. Background investigation required, including a minimum of a criminal and credit check as well as at least three professional references.

Role Overview:

Pelagic AI is seeking a Database Engineer with experience in database performance optimization, configuration management, and performance testing to support our ongoing efforts to improve and maintain efficient database systems. You will play a critical role in ensuring the reliability and performance of our databases, helping us to identify inefficiencies, optimize configurations, and introduce performance testing practices to prevent regressions.

Principal Responsibilities:

- Optimize database performance by identifying and resolving inefficiencies
- Ensure database configurations are properly managed through configuration management (CM) practices
- Implement and manage performance testing tools, such as JMeter or alternatives, to prevent performance regressions
- Collaborate with software and system engineers to ensure optimal integration and performance of the database systems



- Support proactive database performance monitoring and troubleshooting

Minimum Requirements:

- Must have a current/active TS/SCI and be willing and able to pass a CI polygraph
- Ability to work in both classified and unclassified environments on location 5 days a week
- Bachelor's degree in Computer Science, Information Systems, or related discipline (4 years of additional experience may be substituted for a degree)
- 5+ years of experience in database engineering, database performance optimization, and configuration management
- Strong understanding of database technologies and systems
- Experience with performance testing tools like JMeter or similar alternatives
- Experience with version control systems for managing database configurations
- Experience with SQL and NoSQL databases, Postgres, Mongo databases, Liquibase and SQL queries
- Experience with Java, SpringBoot, and Hibernate

An Excellent Candidate for this position will meet most of the following experience requirements:

- Experience with automated testing
- Proficient in identifying database inefficiencies and implementing corrective actions
- Understanding of regression testing and performance monitoring tools
- Ability to work in both classified and unclassified environments

General personal traits we know will connect well with the team:

- Superior communication skills
- A positive, willing attitude
- An ability to think on your feet and solve problems quickly
- Adaptability to learn new methodologies and technologies
- Comfortable working in an agile team environment
- Technology and methodology agnostic, but accepts using tools needed for the requirement



About Pelagic AI

Pelagic AI is AI Solutions delivered: from tech road maps to custom software. Pelagic AI was founded by industry visionaries, each boasting decades of experience in the AI landscape. Our roots trace back to the early days of data mining, and our journey has encompassed pioneering work in modeling and simulation, algorithmic development, data science, machine learning, and generative AI. With a collective wealth of knowledge and a commitment to innovation, our team has shaped the evolution of AI across various domains. Pelagic AI embodies this rich heritage, offering cutting-edge solutions driven by the deep expertise of its founders, ensuring that we remain at the forefront of AI advancements. Join our team using data to optimize environments and future-proof businesses. Our team has worked in the AI/ML sector for nearly 20 years. We represent true expertise in the field with operations and engagements for several Fortune 500 companies. Join us as we bring our client's teams to the next level!

Summary of Benefits

We expect each member of our team to fully engage creatively and work collaboratively and perform each day to the best of their ability. To support this, we have created a benefit package focused on professional growth, achieving a healthy work-life balance, and participation in the long-term success of the company. Our benefits include: generous paid time-off; an Employee Incentive Program (EIP); Internal Investment Projects (IIP), and other professional development activities; performance incentives that include spot bonuses and recruiting bonuses. Our plan is comprised of a 401k: 3% up front non-discretionary safe harbor contribution, 3% matched contribution (1:1 up to 3%), then discretionary profit sharing based on company annual performance; Medical/Dental/Vision coverage; Flexible Spending Account, Dependent Care Flexible Spending Account, Long & Short-term Disability; AD&D insurance; and Term Life Insurance. Each team member is also provided a benefits addendum that are added benefits tailored to your role to help you be more successful on day one.

Apply Now! Send your resume to: jobs@pelagica.com