Software Engineer / Data Scientist

Auckland (Flexible working location for staff wellness and work-life balance)

Full-time - Permanent

Who We Are

KLUGENT is a vibrant consulting company dedicated to driving client growth through data analysis and technology integration. We optimise workflows using systems thinking and predictive analytics, providing clients with advanced AI and technical services. Our mission is to empower clients by transforming data into actionable insights and integrating innovative technologies.

We foster a collaborative, innovative, and inclusive environment. Our team is committed to continuous learning and improvement. We value creativity and the diverse perspectives each team member brings. We believe that a variety of perspectives leads to better ideas and solutions. We welcome members from all backgrounds and are committed to providing equal opportunities and an inclusive environment.

What We Do

- **Data Analytics and Predictive Modelling:** Helping clients make informed decisions and plan strategically by uncovering the power of data through in-depth analysis, predictive modelling, and customised reporting.
- **Operational and Workforce Planning:** Enhancing productivity and service delivery by improving operational efficiency, workforce planning, and resource management.
- **Strategy and Policy Advisory:** Developing long-term strategies, creating policies for regulatory compliance, and assisting in navigating regulatory changes to support organisational effectiveness.
- **Technology Integration:** Modernising operations by integrating new analytic tools and technologies, developing digital strategies, and managing technology projects.

What You Will Do

As a Software Engineer / Data Scientist at KLUGENT, you'll be at the heart of our data-centric projects. Your creativity and technical prowess will drive innovative solutions, making a tangible impact on our clients' success. Here's what you'll be doing:

- **Designing, developing, and maintaining** high-quality software applications and systems with a focus on machine learning and artificial intelligence solutions.
- **Collecting, cleaning, and processing** data from various sources to ensure accuracy and completeness.
- **Crafting complex machine learning models and algorithms,** using solutions like OpenAI and other current technologies, and fine-tuning them to meet our clients' needs.
- **Building and maintaining data pipelines** (ETL processes) to support large-scale data processing.
- **Creating clear and engaging reports and dashboards** using data visualisation tools (e.g., Tableau, PowerBI) to present data analysis results to the team and clients.
- **Collaborating closely with product managers, development teams, and other stakeholders** to ensure data solutions align with client needs.
- **Continuously enhancing data analysis methods and processes** for greater efficiency and accuracy.
- **Writing high-quality code** and conducting thorough unit testing and code reviews.
- **Swiftly addressing and resolving issues and bugs** during software development to maintain system stability.
- **Maintaining and improving existing software systems,** constantly optimising performance and user experience.

About You

We're looking for someone with a unique blend of skills and experience. Here's what will make you a perfect fit for our team:

- You have strong **communication** and teamwork skills.
- You have excellent analytical and **problem-solving** skills, capable of extracting valuable insights from complex data.
- You have at least 3 years of relevant **work experience** in software development and data analysis, with practical project experience being a huge plus.
- You're proficient in data analysis tools like **Python** and R, with strong capabilities in SQL database management and big data processing.
- You're skilled in **multiple programming languages** (e.g., Java, C++) and have experience in object-oriented design and development.

- You're familiar with **machine learning** frameworks (e.g., TensorFlow, PyTorch) and can independently develop, train, and optimise models using current solutions like OpenAI.
- You understand the s**oftware development lifecycle** and agile development methodologies, and you can adapt quickly to changes.
- You hold a **Master's degree or higher** in Computer Science, Software Engineering, Artificial Intelligence, or a related field.

Bonus Scores

- ★ **Big data platforms** (e.g., Hadoop, Spark).
- ★ **Data visualisation tools** (e.g., Tableau, PowerBI).
- ★ **Distributed systems** and large-scale data processing.
- ★ **Cloud platforms** (e.g., AWS, Azure).
- ★ **Front-end development** (e.g., React, Angular).
- ★ **Bilingual** (e.g. mandarin, te reo).

What We Offer

- **Flexible Work Environment and Hours:** Although our company is based in Auckland, enjoy the flexibility of working from various locations. Standard working hours are 30-40 hours per week, with flexibility to accommodate job or family needs, promoting work-life balance and staff wellness.
- **Competitive Salary:** Annual salary starting at $90,000 NZD, with adjustments based on experience.
- **Comprehensive Benefits:** Including a KiwiSaver plan and 5 weeks of annual leave per year, surpassing the government minimum.
- **Professional Growth:** Opportunities for continuous learning and development in a rapidly growing company.
- **Innovative Projects:** Work on cutting-edge projects that make a real difference for our clients.
- **Supportive Team:** Join a collaborative and dynamic team that values creativity and innovation.

How to Apply

Ready to join us? Send your resume, cover letter, and any relevant portfolios to: **k@klugent.com.** For more information about us, visit our website at klugent.com. We can't wait to meet you!