

AI Applications Engineer

Join Oracle Applications Labs, where we design, build, and operate Oracle's mission-critical AI-based enterprise applications—including systems that automate our AI cloud data centers. Our mission is to showcase Oracle's AI-driven products and technologies, deploying them internally to support Oracle's growth as a global AI leader.

As part of our global team of data scientists, AI engineers, program managers, and scrum masters, you'll contribute to transforming Oracle into an industry leader in AI.

Key Responsibilities

- Design, develop, and support AI-based enterprise applications using modern AI tools and technologies (e.g., AI Agents, Retrieval Augmented Generation [RAG], Model context protocol [MCP], Large Language Models).
 - Apply classical AI techniques such as clustering, classification, regression, Monte Carlo simulations, and Bayesian blending.
 - Participate in system planning, scheduling, and implementation for enterprise-scale AI applications.
 - Build new product features and/or enhance existing features to automate complex business flows and operations.
 - Collaborate with cross-functional teams to understand requirements and deliver innovative AI-driven solutions.
 - Ensure application scalability, reliability, and performance in a cloud environment.
 - Contribute to best practices for development, testing, and deployment of AI applications.
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Essential Skills

- Proficiency in programming languages relevant to AI (e.g., Python, Java).
 - Familiarity with modern AI/ML frameworks and platforms (e.g., TensorFlow, PyTorch, Oracle Cloud AI services).
 - Practical experience with enterprise software development, including REST APIs, microservices, and cloud-native architectures.
 - Strong problem-solving skills, particularly in translating business needs into scalable AI solutions.
 - Excellent written and verbal communication skills.
 - Ability to work effectively in a collaborative, multi-disciplinary, and global team environment.
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Qualifications

Required:

- Bachelor's degree or equivalent experience in Computer Science, Engineering, Mathematics, or a related technical field.
- Hands-on knowledge of common AI techniques, including machine learning methods and statistical modeling.

Preferred:

- Masters degree or higher in Computer Science, Data Science, Artificial Intelligence, or related discipline.
- Experience with Large Language Models, Retrieval Augmented Generation, or other advanced modern AI tooling.
- Prior work with cloud platforms (preferably Oracle Cloud Infrastructure) a major plus.
- Experience in developing and deploying enterprise-grade AI solutions.
- Familiarity with DevOps practices and tools for CI/CD.