Job Title: Senior AI & AWS Cloud Engineer
Location: To be confirmed
Experience: Relevant hands-on experience in AWS cloud architecture and production AI/LLM deployment

Job Summary:

We are looking for an experienced AI and AWS Cloud Engineer with strong expertise in building, deploying, and maintaining production-ready AI applications and agentic AI solutions. The ideal candidate should have hands-on experience with Amazon Bedrock, Bedrock AgentCore, Strands Agents, AWS cloud architecture, infrastructure as code, database migration, and modern backend technologies. The role involves designing scalable cloud infrastructure and delivering reliable AI-powered services in production environments.

Must-Have Technical Skills:

Amazon Bedrock: Hands-on experience with Amazon Bedrock and LLM application development.

Bedrock AgentCore: Experience with AgentCore Runtime and AI agent deployment.

Strands Agents: Experience with Strands SDK and agent development.

AWS Services: ECS, Fargate, EC2, VPC, Lambda, and IAM.

AWS Architecture: Solutions architecture, cloud architecture, and infrastructure design.

Infrastructure as Code: AWS CDK and Terraform.

PostgreSQL: Postgres, Amazon RDS, or Aurora PostgreSQL.

Database Migration: MongoDB to PostgreSQL migration, NoSQL-to-SQL migration, or AWS DMS.

Programming: Strong Python and Node.js development skills.

LLM & Generative AI: Generative AI, AI agents, agentic AI, tool calling, and function calling.

Preferred Qualifications / Strong Signals:

Candidates with practical experience in the following areas will receive higher consideration:

Production LLM or AI agent deployment, including solutions shipped to production or deployed to customers.

LLM evaluation (evals), AI guardrails, and Amazon Bedrock Guardrails.

Angular and TypeScript development experience.

Prompt engineering and advanced LLM interaction techniques.

Experience developing and managing multi-tenant SaaS applications.

CI/CD pipelines, Docker, and observability tools such as CloudWatch and OpenTelemetry.

AWS certifications: Solutions Architect, Machine Learning, AI Practitioner, or Generative AI Developer.

Good to Have (Nice to Have):

Machine Learning & AI

SageMaker, recommendation engines, prediction, forecasting, anomaly detection, scikit-learn, and XGBoost.

Model fine-tuning, model customization, LoRA, and Bedrock custom models.

Retrieval-Augmented Generation (RAG), vector databases, embeddings, and Bedrock Knowledge Bases.

Model Context Protocol (MCP) experience.

Enterprise Integrations & Platforms

Microsoft Teams bots, Bot Framework, Slack apps, and Slack Bolt.

Oracle Fusion, Oracle HCM, ERP Cloud, and BI Publisher.

Identity Governance and Administration (IGA), segregation of duties (SoD), access certification, SailPoint, and Saviynt.

Multi-cloud experience with OCI, Microsoft Azure, and Google Cloud Platform (GCP).

Important Candidate Evaluation Criteria:

A CV listing ChatGPT or OpenAI API alone, without AWS or Amazon Bedrock experience, does not meet the mandatory technical requirements.

Data science profiles focused primarily on Jupyter notebooks without practical cloud deployment experience are not a strong fit.

Generic AI experience without demonstrated production deployment, AI agents, or real-world implementation is considered a weak signal.