**Senior Python Engineer**

We are seeking a Senior Python Engineer to help shape and build the next generation of AI-driven solutions in the insurance space. This role offers significant autonomy to make critical technical decisions that will directly influence products, architecture, and the future direction of the platform. You’ll work closely with leadership and cross-functional teams to design, scale, and optimize Python-based services that serve as the backbone of advanced AI applications.

Note: Candidates must be U.S. Citizens due to federal or regulatory requirements.

**What You’ll Do**

* Architect & Develop: Design and implement scalable Python services and APIs powering no-code AI platforms and industry-specific workflows.
* Own the Core Tech Stack: Lead architectural decisions around data ingestion, retrieval-augmented generation (RAG), external API integrations, and secure single-tenant deployments.
* AI Integration: Collaborate with AI specialists to embed LLM-based features such as chatbots, knowledge extraction, and underwriting logic into production-ready applications.
* Performance & Scalability: Optimize backend systems for low latency, high throughput, and strong data governance to support complex use cases.
* Infrastructure & Deployment: Enhance CI/CD pipelines, container orchestration (Docker, Kubernetes), and cloud infrastructure (AWS, Azure, or GCP).
* Security & Compliance: Ensure solutions meet data privacy, encryption, and regulatory requirements (e.g., SOC2).
* Collaboration: Partner with product, solutions, and data science teams to deliver impactful features across underwriting, claims, and policy servicing.
* Mentorship: Guide junior and mid-level engineers while fostering a culture of technical excellence and innovation.

**What We’re Looking For**

* U.S. Citizenship required.
* Python Expertise: 5+ years building production-grade applications with frameworks such as FastAPI, Flask, or Django.
* System Architecture: Experience designing scalable, secure systems with complex data flows and integrations.
* Cloud & DevOps: Proficiency with AWS, Azure, or GCP; strong knowledge of CI/CD pipelines and containerization.
* Databases: Skilled with SQL and NoSQL databases; experience with search/vector databases (e.g., Elasticsearch, Pinecone) is a plus.
* AI/ML Integration: Background in embedding models into applications or building AI-driven microservices.
* Security Mindset: Familiarity with single-tenant architectures, IAM, and encryption practices.
* Domain Interest: Curiosity about regulated industries such as insurance or financial services.
* Startup DNA: Comfortable in a fast-paced environment with ambiguity, rapid iteration, and hands-on problem solving.

**Why Join**

* High Impact: Influence architecture and core platform design from the ground up.
* Cutting-Edge Tech: Work at the intersection of LLMs, data orchestration, and no-code solutions.
* Mission-Driven: Help transform insurance operations with responsible, secure AI.
* Collaborative Culture: Be part of a team that values mentorship, innovation, and open communication.
* Competitive Rewards: Compensation includes salary, benefits, and potential equity.

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