



A Hogan Lovells
Legal Tech Brand

Job Description | *Python NLP Engineer for Generative AI*

We are seeking a talented and experienced Python NLP Engineer with a Generative AI focus to join our growing team.

1. ABOUT ELTEMATE

We are ELTEMATE – A Hogan Lovells Legal Tech Brand. Our goal is to make clients' lives easier by delivering practical solutions to everyday problems. We combine a deep understanding of our clients' legal needs with the speed and innovation of a technology start-up. Our portfolio covers a large spectrum of legal tech solutions including artificial intelligence, eDiscovery, information analysis, regulatory updates, databases, deal rooms, workflow management, case management, document automation, risk assessment, reporting, and apps.

2. ROLE DESCRIPTION

We are seeking a skilled Python NLP Engineer with a focus on Generative AI to join our dynamic team. The successful candidate will primarily work on developing our natural language processing capabilities and contribute to the evolution of our suite of legal generative-AI applications. This person will collaborate with product managers, backend and front-end developers and data scientists to deliver cutting-edge AI solutions.

3. DUTIES AND RESPONSIBILITIES

- Design, develop, and maintain sophisticated NLP and Generative AI applications in Python.
- Design and implement back-end APIs to deliver Python services to front-end applications using FastAPI and Docker.
- Write clean, efficient, and modular code adhering to best practices and coding standards.
- Optimize application performance and ensure scalability.
- Collaborate in the database design and management of those systems (PostgreSQL or MongoDB).
- Conduct thorough testing and debugging to identify and resolve issues.
- Stay up-to-date with emerging trends and technologies in the field of Generative AI.

4. REQUIRED KNOWLEDGE, SKILLS AND EXPERIENCE

- Bachelor's degree in Computer Science, Engineering, Computational Linguistics, Data Science or a related quantitative field (or equivalent experience).
- Extensive experience working with Python, particularly in relation to NLP and AI.
- Experience with modern LLM-based libraries such as LangChain, PyTorch, GPT, Transformers
- Familiarity with software engineering best-practices such as version control, testing, code reviews.

- Strong problem-solving skills and ability to work in a fast-paced environment.
- Excellent communication and collaboration skills.

5. OTHER PREFERRED SKILLS

- Demonstrable experience in semantic search and document retrieval tasks.
- Knowledge of discriminative AI (classifiers) and associated accuracy metrics (F1, Precision, Recall).
- Some knowledge of JavaScript is a big advantage.

6. OTHER DETAILS

- Full-time employee.
- Reports to Head of AI Development.
- Located preferably in Amsterdam (Netherlands) but willing to be flexible (EU) and can accommodate agile work environments.
- Compensation in the range of €70,000 – €90,000 depending on qualifications and experience.

7. DISCLAIMER

ELTEMATE is an equal employment opportunity employer and does not discriminate against any employee or applicant for employmentssss on the basis of race, color, religion, gender, national origin, age, sex, disability, veteran status, marital status, sexual orientation, gender identity or any other characteristic protected by law.

If you are interested, please get in touch with us at info@eltemate.com. We look forward to meeting you.