### **jjzha/jobbert-base-cased**

Url:<https://huggingface.co/jjzha/jobbert-base-cased>

**API Keys:**

“hf\_BsxkrThPwwNgOWQdJFBbZNbSUOQyfzqRGm”

“hf\_OeZEDcIyfQgHYUMmQwNDRXEeJwqhUfoOeZ”

**What is jjzha/JobBERT**

JobBERT is a domain-adapted transformer model designed specifically for skill extraction from English job postings. It is based on the popular BERT architecture (bert-base-cased) and has been continuously pre-trained on a large corpus of approximately 3.2 million sentences from job advertisements. This extensive training helps the model better understand the language, structure, and terminology typically found in employment listings.

**Purpose of JobBERT**

JobBERT was developed as part of the SkillSpan project, introduced by Mike Zhang et al. in their 2022 NAACL paper. The goal was to extract hard and soft skills from unstructured text in job postings. Here's a detailed breakdown of its uses:

#### **Working in Zirak HR**

In **Zirak HR**, this model was fine-tuned further using resume datasets to extract structured fields like:

* Name
* Email
* Location
* Experience
* Education
* Skills

Features

* Based on bert-base-cased with domain-specific training.
* Optimized for resume NER and field extraction.
* Fine-tuned on labeled resume JSONL data.
* Outputs accurate entities for form autofill in Zirak HR.
* Works seamlessly with PyTorch and Hugging Face pipelines.

**Ieee:**

J. Zha, “JobBERT: BERT-based Domain-Specific Language Model for Job Data,” Hugging Face, [Online]. Available: <https://huggingface.co/jjzha/jobbert-base-cased>