scieneers
DRIVEN BY DATA

Smart Vacancy Matching at von Rundstedt

accelerated by intel

Empowering Job Seekers with Personalized AI-Driven Career Alignment

Job searching is a challenging process that comes with confusion, ambiguity, and frustration. To improve the job hunting experience, scieneers collaborated with prominent workforce transformation company von Rundstedt, to develop an AI-driven recommendation engine that helps match job seekers with their best-fitting career opportunities. The solution analyzes job descriptions, resumes, and user feedback to generate personalized job recommendations that align to applicant skills, interests, and goals. Powering the recommendation engine involves a computationally demanding process, embedding 1.2 million samples weekly, and taking around 15 hours to complete, making it both costly and time-consuming.[1] To overcome this bottleneck, scieneers leveraged Intel® Xeon® Scalable Processors and the Intel® oneAPI Analytics Toolkit which ultimately improved data processing speed. Now von Rundstedt can provide more accurate recommendations and enable customers to serve more users with lower latency and cost.

> *"In scieneers, we have found a partner who understands our vision and is able to turn it into functioning solutions quickly and efficiently using cutting edge technology."*
>
> Dr. Christoph Tempich
> Digital Director at von Rundstedt

Key Features

- Natural Language Processing
- Personalized Job Matching
- Customized BERT-Model
- Optimized Workload Processing

Verticals:

- Retail
- Banking/FSI
- Hospitality
- Education
- Manufacturing
- Health & Life Sciences
- Government

Use Case:
Asset & Operations Optimization

Learn more:

- Scieneers Website
- Scieneers & Intel Collaboration Blog

Country/Geo:
Western Europe

Intel Products and Technologies

- Intel® Xeon® Scalable Processors Product Page
- Intel® Optimization for PyTorch Product Page
- Intel® oneAPI Analytics Toolkit Product Page

1. Optimize an AI Powered Recommendation Engine, scieneers, 2023