

# Tegar Sosi Everest

tegarsosi

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## Summary

**AI-Focused Software Engineer** with **3 years** of experience developing backend systems and AI-driven applications using **Python, FastAPI, and SQL**. Skilled in **agentic AI** approaches, **LangChain**, and **prompt engineering**, with hands-on experience deploying **LLM-powered features** in production. Quick learner, team-oriented, and comfortable in fast-paced, multicultural environments.

## Experience

### AI Software Engineer, Paul's Job GmbH

September 2023 - present, Berlin, Germany

- Architected and implemented **5+ production-ready REST APIs** using **FastAPI** to support scalable backend infrastructure
- Designed and deployed **AI agents** in production within a chatbot, enabling users to **apply for over 1,000 jobs** and initiate **1,400+ data collection processes** in Q1 2025 alone
- Engineered **prompt strategies** to optimize agent behavior and task execution, leading to a **12% increase in job applications within the first week** after deployment
- Built a weekly-updated topic modeling pipeline leveraging **LLMs for unsupervised theme extraction** from user-chat data, with daily inference enabling HR users to discover **trending topics** and **conversation patterns**

### Working Student and Bachelor's Candidate, Paul's Job GmbH (hyrd GmbH)

January 2023 - September 2023, Berlin, Germany

- Contributed to a company research project focused on **predicting professional experience requirements** from job ads, conducted as part of a Bachelor's thesis
- Fine-tuned and evaluated five **multilingual transformer-based NLP models** (e.g., BERT, XLNet, JobGBERT), achieving **F1-scores** up to **0.87**, and implemented an ensemble **Voting Classifier** that improved results by **4.6%**

### Intern, Paul's Job GmbH (hyrd GmbH)

September 2022 - December 2022, Berlin, Germany

- Engineered interactive data visualization solutions using Retool, combining **SQL queries** and **JavaScript** to create **intuitive dashboards** for stakeholders
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## Education

### Mechatronics B.Sc., Hamburg University of Applied Sciences

March 2018 - September 2023, Hamburg, Germany

- GPA: 2.13

### Academic Projects

- Bachelor Thesis: "*Predicting Professional Experience Requirements from Job Advertisements using Multilingual Transformer based NLP Models*"

### Studienkolleg at University of Greifswald

February 2017 - January 2018, Greifswald, Germany

- GPA: 2.8

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## Skills

- **Languages:** English (C1), German (C1), Indonesian (Native)
- **Programming Languages:** Python, JavaScript, SQL
- **Backend:** FastAPI
- **AI & ML:** Prompt Engineering, AI Agent Development, Model Training, LangChain
- **Cloud & DevOps:** Docker, AWS Lambda
- **Version Control:** Git

