

AI Engineer – Fresher (Full-time)

Company: Google LLC

Location: Bangalore / Hyderabad / Pune / Gurgaon / Chennai / Mumbai (On-site)

Qualification: B.E / B.Tech in CSE, ISE, AIML, ECE

About the Company: We are a forward-thinking technology company that thrives at the intersection of artificial intelligence, automation, and meaningful software innovation. Our mission is to build robust AI-powered products that drive productivity, solve real-world problems, and create impact. From HR automation to AI-driven chatbots, we work on high-impact projects that blend cutting-edge research with clean, scalable development. We believe in mentorship, collaboration, and continuous learning, and we're on the lookout for passionate individuals ready to build the future with us.

Job Summary: We are looking for a Junior AI/ML Developer who is passionate about using artificial intelligence to build real-world applications in domains like resume-job matching, mental health chatbots, and automated attendance systems. You will actively contribute to the design and development of intelligent platforms by working with Flask backends, MongoDB databases, SBERT-based similarity engines, and interactive UIs. You'll play a key role in developing scalable, explainable AI modules and refining NLP workflows for profile scoring, candidate ranking, and automated document parsing. This role involves working on live codebases and contributing to production-ready solutions, while also experimenting with transformers, computer vision, and real-time inference tools. You'll be expected to participate in sprint planning, conduct unit tests, push code to GitHub repos, and contribute meaningfully to architecture decisions under the guidance of senior engineers.

Responsibilities: Develop Flask-based RESTful APIs for resume parsing and JD matching workflows, implement sentence similarity scoring using SBERT and TF-IDF on JD-resume pairs, integrate MongoDB with Python backend for resume and job storage, enhance AI chatbots with OpenAI API and quick-reply UX, create responsive frontends using HTML/CSS/JavaScript for candidate and HR dashboards, build ranking logic for candidate shortlisting based on semantic embeddings, create dual PDF outputs (internal + public JD view) using pdfkit, visualize model evaluation metrics for ranking algorithms, manage codebase via GitHub with well-documented commits, participate in architecture discussions for retrieval-augmented generation (RAG) and LLM-based justifications

Experience & Skills: Proficient in Python with experience in building NLP pipelines, hands-on knowledge of scikit-learn for traditional ML models and evaluation, strong Flask development skills for building scalable APIs, experience using MongoDB for storing candidate and JD metadata, knowledge of RESTful API design and JSON schema validation, familiarity with TF-IDF and Word2Vec for text vectorization, working experience with SBERT and Sentence Transformers for semantic search, ability to build and debug web frontends using HTML5, CSS3, and vanilla JavaScript, experience with GitHub for version control and collaboration, capable of independently reading ML/NLP research papers and converting ideas into working prototypes, clear written and verbal communication for tech documentation and team discussions

Nice to Have: Prior implementation of OpenCV with Haar cascade or LBPH for real-time face recognition, use of MediaPipe for advanced facial/hand tracking in camera streams, experience deploying OpenAI's GPT API in conversational UIs with real-time typing and voice support, understanding of SQL and ability to perform basic queries and joins for analytics, ability to use Matplotlib and Seaborn to visualize resume-JD feature correlations and PCA outputs, familiarity with LLM pipelines, including use of HuggingFace transformers for NER or QA tasks, foundational understanding of Retrieval-Augmented Generation (RAG) architectures and scoring justifications, ability to write clean, well-commented code and structured GitHub repositories with proper README, project descriptions, and screenshots

What We Offer: Work on real-world, high-impact AI products that solve complex challenges in hiring, education, and automation, 1:1 mentorship with experienced AI engineers and researchers, letter of recommendation and official internship certification, potential for full-time placement based on performance, flexible work schedules that respect your college hours, feature your contributions in open-source GitHub repositories, regular internal workshops and tech talks on NLP, CV, and software architecture, opportunity to present your work in team demos and tech community sessions

Reporting Size: You will be reporting to the Head of AI and working within a team of 5–8 engineers.

Stipend: 26 LPA

No. of Openings: 5

Certification is Appreciated

☐ **Internal Only**

Gender Preference:

Interview Candidates: 25

Reputed Colleges Only: Yes

GitHub Required: No