



Role: AI Solution Design Specialist

We seek an innovative and experienced Solutions Specialist to support public language technology initiatives for the government. The candidate will design multilingual solutions through AI and NLP technologies for various government departments. Strong communication, both written and oral and interpersonal skills is needed for the candidate to be successful in this role.

Key Responsibilities

- Design scalable and efficient multilingual AI solutions, for application in digital delivery of public services
- Collaborate with cross-functional teams to understand inter-departmental requirements and translate them into technical specifications
- Evaluate and recommend appropriate frameworks, and tools for multilingual AI applications
- Optimize solutions for performance, scalability, and cost-effectiveness
- Stay updated on the latest advancements in AI, NLP, and language technologies

Required Qualifications

- Bachelor's degree in any field; advanced degree or relevant coursework in Computer Science, Data Science, or related fields is a plus
- Proven experience in a technical role, Senior Developer, or Solutions Specialist.
- Strong expertise in machine learning, natural language processing, and AI technologies
- Proficiency in Python and JavaScript, with experience in relevant libraries and frameworks (e.g., spaCy, BERT, NLTK, INLTK, fasttext, lazarus)
- Experience with audio processing technologies (e.g., wav2vec, Nemo Nvidia, Speechbrain)
- Knowledge of data engineering and experience creating data pipelines
- Familiarity with cloud platforms and containerization technologies
- Experience with both SQL, NoSQL, Graph, and vector databases
- Understanding of frontend and backend technologies (e.g., React, Node.js)

Preferred Qualifications

- Experience working on technology for governments and for citizens.
- Knowledge of Indian languages and experience with multilingual Indic languages approach.
- Understanding of data privacy regulations and security best practices

Salary and Duration

The salary will be in the range of 10-20 lakhs per year based on candidate's qualification and experience.

The duration of the job will be equal to the duration of the project and co-terminus with the project. Currently the duration is for 2 years.

How to apply

Please send your C.V. to psingh@iiitd.ac.in. Please also send a cover letter indicating how do you fit for the job and if offered, how soon will you be able to join.