



# Pratik Behera

## AI Engineer

Dynamic Software Engineer passionate about hands-on experience with cutting-edge technologies and AI's future impact, with a commitment to active participation in the open-source community.

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## WORK EXPERIENCE

### Founding AI/ML Engineer OpenIntervue

09/2023 - Present

Bengaluru

Building humanless interviewers <https://www.pihu.ai>

Achievements/Tasks

- Built an **AI interviewer framework from scratch** that conducts interviews based on job descriptions, adapts to difficulty levels, generates reports with a scoring system, and analyzes video recordings for sentiment insights.
- Developed an **Applicant Tracking System** with a scalable resume parsing feature, processing **300 resumes per minute**, extracting key data, and scoring candidates based on job descriptions.
- Created a **code-screening platform** that generates unique coding questions with real-time execution to assess candidates effectively.
- Automated the pre-screening process using **WhatsApp API**, streamlining candidate assessments.
- Working on **development** and **finetuning** of interview-specific AI models, including the creation of **custom-curated datasets** and establishing a **pipeline for automated model training**.

### SDE-1

#### Book my Show

05/2022 - 04/2023

Bengaluru

<https://in.bookmyshow.com>

DATASCIENCE AND LE(Live Entertainment) TEAM :-

- **Enhanced search functionality** using an artist popularity model, delivering more relevant results and improving customer experience.
- Implemented a popularity score system for BookMyShow STREAM, **increasing click-through rates** and driving a **20% revenue boost** through enhanced movie purchases.
- Developed **report downloading** and **emailing features** for LE DIY and **automated ticket activation** for LE BTSBO V2
- Developed an **AI-driven one-click solution that cut local setup time by 80%**, generating customized dependency files for **multiple tech stacks**, optimized for **Docker**.

## EDUCATION

### BTECH in Computer Science and Engineering

Kalinga Institute of Information Technology

2018 - 2022

8.45

## SKILLS

OpenAI APIs | GPT-4 series | Vision

Fastapi

Golang | Python

AWS | Azure

Fine Tuning LLMs

AI frameworks(LLamaIndex,Langchain,HuggingFace)

RAGs

Vector DBs

Git | Github

Speech to Text | Text to Speech

Autogen AI Agents

MongoDB | MSSQL

Docker

Backend Engineering

## PROJECTS

### LawyerGPT

- **Instruction fine Tuning opensource LLMs like Falcon and LLAMA 2** on Indian Law using the latest research techniques and **Hugging Face** Transformer Library.

### AI-Powered Solutions Using Generative Models

- Leveraged **Generative AI technologies** such as **OpenAI APIs**, **Stable Diffusion**, **Large Language Models (LLMs)**, and **Vision Models** to build innovative, scalable solutions.
- Demonstrated expertise in end-to-end project development, from **model fine-tuning to deployment**

### Custom training and fine-tuning StableDiffusion Dreambooth

- Used **Stable Diffusion Dreambooth** for custom training and finetuning <https://github.com/Pratik-Behera/fast-stable-diffusion/tree/main>
- Used **AUTOMATIC 1111** and features within that such as img2img, inpainting, upscaling and ControlNet

### Damage Detection in Old Heritage Buildings using YOLOv4 algorithm

- Damage detection of old architectural ruins on using **YOLOv4** algorithm on four categories of damage which are category onebroken bricks, category two-moss/fern on the wall, category threetrees grew out of the cracks, and category four-cracks on the wall

## COURSES

Machine Learning(Stanford University-Coursera)

Deep Learning Specialization(Coursera)

## INTERESTS

Generative AI

3D Printing

AGI