

Raj Kapadia
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[GitHub](#), [Fiverr](#), [Upwork](#), [Youtube](#)
Python, NodeJS, Dialogflow,
Tensorflow, PyTorch, GCP, AWS

Team Lead Chat-bot Development at Let's Enkindle with 6+ years of freelance experience in chat-bot development on Google Dialogflow ES/CX, API development with Python+Flask and NodeJS+Express, AI/ML/DL project development in the field of Image classification, Object detection, Natural Language Processing, search engine development using Elastic/Qdrant, part-time Youtuber.

EXPERIENCE

1. Let's Emkindle

Team Lead Chat-bot Development, September-2023 to present
Development of different end to end AI/ML/DL products comprises, SaaS products around LLM, I lead a small team of 5 developers as well.

2. The Other Fruit/Nes Tech Ltd

Lead AI & ML Developer, January-2022 to September-2023
Development of different end to end AI/ML/DL products to better serve our customer base, I lead a small team of 3 developers as well.

3. Government Engineering College, Modasa, Gujarat

Assistant Professor, August-2016 to January-2022
Teaching students different subjects of Electrical Engineering and other tasks related to their development is the main task here, different technologies used in teaching are MATLAB, C for microcontroller programming.

4. Sankalchand Patel College of Engineering, Visnagar, Gujarat

Assistant Professor, August-2013 to July-2016
Teaching students different subjects of Electrical Engineering and other tasks related to their development is the main task here.

5. Torrent Pharmaceutical Ltd, Indrad, Mehsana

Executive Engineer, May-2010 to July-2011
HT & LT distribution and cable laying, installation of switchgears for protection, VFD installation, etc.

PROJECTS

0. I have 4+ years of experience with Google DialogFlow ES/CX and Actions on Google, I have a Fiverr and Upwork seller account where I have built 100+ Google Dialogflow Chat-bots to customers with webhooks. I use NodeJS and Python as a backend to these chat-bots.

1. A real estate chat-bot SaaS platform, this platform creates a chat-bot that connects to SQL database, user can talk to the database in natural language, an admin dashboard to see the conversations, sentiment, summary, and generate classified leads, on this platform the client can connect the chat-bot to Website, WhatsApp(Twilio), Instagram, and FB Messenger through the admin dashboard. [Let's Enkindle, lead the team of 5 developers]

2. A Face recognition application as a biometric authentication, the main functionalities of this project are, registering a user, and authenticate the user, this application uses a deep learning library called "dlib", and finally, this application is served using Python+Flask API endpoint. [The Other Fruit, lead the team of 3 developers]

3. Developed an image similarity search engine, the main functionalities of this project are, inserting new images into the search engine, searching for a similar image, generating a comparative image when a similar image found, cron jobs to scrape images from multiple image

sources and to insert new images into the search engine. The technologies used are Python, Tensorflow, Elastic, OpenCV, this application is served using a Python+Flask API end-points. [The Other Fruit, lead the team of 3 developers]

4. Developed an image search based on tags associated with images, technologies used are Python, Elastic, and Flask. [The Other Fruit, lead the team of 3 developers]

5. Development of voice as a password for two factor authentication, facility to enrol a user, and verify a user, developed with Python, Elastic, served using a Python+Flask APIs. [The Other Fruit, lead the team of 3 developers]

6. Developed a toxic comment classifier, the technologies used are Python, Pytorch, served with Python+Flask APIs. [The Other Fruit, lead the team of 3 developers]

7. I have a Youtube channel where I upload videos on different subjects related to Google Dialogflow, Machine Learning, Elasticsearch, etc.

EDUCATION

1. Sankalchand Patel College of Engineering, Visnagar, Gujarat

Master of Engineering with specialization in Power System, 2011-2013, CPI – 8.3

2. Global Institute of Technology, Jaipur, Rajasthan

Bachelor of Engineering in Electrical Engineering, 2006-2009, 67%