

Kanva Bhatia

kanva.bht@gmail.com | 7011910911 | [LINKEDIN](#) | [GITHUB](#) | [PORTFOLIO](#)

EDUCATION

BMS College Of Engineering
B.tech in ISE, CGPA: 8.7/10

2021-2025
Bangalore, India

TECHNICAL SKILLS

Languages: Python, SQL, ReactJs, TypeScript

Frameworks: Flask, FastAPI, Langchain, Next JS, Prisma

Database: MySQL, MongoDB, PostgreSQL, AWS DynamoDB

Libraries: Numpy, Pandas, Matplotlib, Langchain, Scikit-learn, DeepFilterNet

Tools/Technologies: Generative AI, Github, Microsoft Azure, Amazon AWS

WORK EXPERIENCE

ML Developer, *CellStrat*

Mar 2023

- Working as a Product Developer implementing the latest Generative AI techniques.
- Conducted Webinars on 'Embeddings and Semantic Search', and 'Unleashing Prompt Engineering'.
- Worked on creating an Electron app, FreedomGPT, using the llama and alpaca models by META and Stanford.
- Expanded my knowledge of NLP, Machine Learning and Electron app development.

ML Intern, *BigBuddy*

Jun 2023 -Aug 2023

- Worked on a project to summarize video using shot detection and keyphrase extraction.
- Worked on end to end implementation and deployment of Audio Denoiser model on AWS.

PROJECTS

Github Repo Analyzer - [ZedBit](#)

- Input the URL of any Github Repository, open any file from within the repository and generate analysis of that file.
- Login Signup with next-auth. Github REST API to fetch contents, OpenAI API for analysis.

Tech Stack: NextJS, Prisma, PostgreSQL, Next-auth, Github REST API, OpenAI

Custom AI Avatar Generator - [NearGen](#)

- Platform where you can upload 15-20 of your photos, and get a fine-tuned image-generation model to generate custom AI Avatars.
- Complete development with login/signup, database management.

Tech Stack: NextJS, Prisma, PostgreSQL, Next-auth, Amazon S3, Replicate.com API, Vercel, OpenAI, Stable Diffusion-1.5

AI News Bot - [KareTech](#)

- Developed a bot to fetch global news from Google news and to create an image to post on Instagram.
- Hosted the stack as Lambda functions to Amazon AWS. Used AWS EventScheduler to post images every 6 hours.

Tech Stack: Python, PIL(Python Imaging Library), NLP, Facebook Graph API, Google News API, Amazon AWS - Lambda, EventScheduler, DynamoDB, S3.

PotatoBrains (Depression Detector Website)

- Developed a Random Forest Classifier to classify levels of depressions in individuals.
- Provided a corresponding chatbot support using OpenAI API.

OnlyHisaab(Expense Tracking Website and App)

- Developed a website in which users can track their expenses.
- The expenses are being stored directly in google sheets and a complete login/signup system is implemented.
- Also developed an app using the same Flask API and Flutter (Dart).

Academic and Extracurricular Achievements

- **First Prize** at Hack-A-Thon conducted during **International Annual Technical Symposium 2022**.
- Participated in Table Tennis championship at STATE level.