

Kanva Bhatia

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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

Engineering and Analytics Intern, Alaan (YC-W23)

Jul 2024 - Present

- Working in the Intelligence team to develop new features and improve the platform.
- Developing features to automate user experience and improve the platform
- Engaged as a backend developer with a focus on data analytics

ML Developer, CellStrat

Mar 2023 - Jul 2024

- 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

Extracurricular Achievements

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