# Karan Bhatia

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## EDUCATION

### GANDHINAGAR INSTITUTE OF TECHNOLOGY
BE in Information Technology
Grad: May 2023 | CGPA : 7.39

### BHAGWATI VIDHYALAYA
Mathematics, Computer, Physics, Chemistry, English
Grad : March 2019 | Cum Per: 60

### FELLOWSHIP HIGH SCHOOL
Mathematics, Science, English, Social Science, Sanskrit
Grad : March 2017 | Cum Per: 87.32

## LINKS

AI Assistant:// **Brainiac**
Hugging Face:// **Karan Bhatia**
LinkedIn:// **Karan Bhatia**
Github:// **Karan Bhatia**

## SKILLS

### PROGRAMMING LANGUAGES:
- Python
- Javascript
- Swift

### FRAMEWORKS:
- Django, Flask, FastAPI
- React Js
- Frappe, ERPNext

### TOOLS PLATFORMS:
- Git •Docker •AWS
- MacOS •Linux •Windows
- XCode •PyCharm •VSCode

### DATABASES:
- SQL(MySQL, Postgresql)
- NoSQL(MongoDB)
- Vectore

### SOFT SKILLS:
- Listening•Multi-tasking•Meditation
- Teamwork •Public Speaking
- Communication
- Leading team operations

## EXPERIENCE

### REVIEWANALYTICS  Python - AI Engineer
Jan 2024 - Present | Remote, India
- Developed an MLops pipeline and fine-tuned models to optimize product performance and adaptability.
- Leveraged ReviewAnalytics AI's vector collection to prioritize product changes based on user trends, aligning development with market demands.
- Utilized AI's vector-based analysis to identify and address user concerns, fostering continuous product improvement and satisfaction.

### AUBERGINE SOLUTIONS PVT. LTD.  Associate Software Engineer
Feb 2023 - April 2024 | Ahmedabad, India
- Contributed to a Python-based face detection system for tracking employee attendance, integrated with office door hardware via Raspberry Pi.
- Developed an API-triggered mechanism to power a relay switch, enabling automatic door access upon successful face detection.
- Utilized AWS services (EC2, RDS, S3) to optimize and expand the face detection system, ensuring high availability and fault tolerance.
- Developed a YouTube summarizer feature, allowing users to receive customized summary emails from preferred channels.

### VASHISHTH TECH ENTERPRISE PVT. LTD.  Associate Software Engineer
April 2022 – June 2022 | Mumbai, India
- Worked on a flight price prediction model, analyzing past trends to forecast future fares.
- Built an Interview Panel Website using Python, Django, SQL, and NoSQL to display applicant interview details.
- Implemented machine learning models and worked on cloud platforms.

### DRC SYSTEMS INDIA LTD.  Summer Internship
July 2021 - December 2021 | Gandhinagar, India
- Boosted app performance by 25% through the development of an iOS application for D2M car services using CoreData and Grand Central Dispatch.
- Provided support and maintenance for applications, integrating web services and third-party libraries.

## CERTIFICATION

### COURSES
Professional/Specialization
- IBM Data Science
- ChatGPT Prompt Engineering for Developers
- Google IT Automation With Python Professional
- Google IT Support Professional

## LANGUAGES:

- Gujarati
- Sindhi
- Hindi
- English
- Deutsch (leaning)

## ACHIEVEMENTS

### ACADEMICS

Awarded the Student Startup and Innovation Policy (SSIP) grant worth Rs 150,000/- for "The AI Glass" project by the Government of Gujarat.

### HOBBIES

- Cycling •Yoga •Reading,•Painting

## PROJECTS

### PERSONALIZE THE AI ASSISTANT  Python | LLM | Prompt Engineering

- Created a customizable AI assistant that adapts to user preferences and behaviors, enhancing user experience.
- Implemented RAG techniques to improve conversational accuracy and relevance.

### GOOGLE SHOPPING SCRAPER API  Python | Web Scraping | Django

- Developed an API to scrape and analyze product data from Google Shopping, providing real-time price comparison and trend analysis.
- Implemented caching mechanisms to improve performance and reduce API response time.

### AUTOMATED TRADING SYSTEM USING ZERODHA API  Python | Zerodha Kite Connect API

- Developed a robust automated trading system using Zerodha's Kite Connect API, integrating functionalities for market data, order management, and historical data.
- Implemented technical indicators and automated trading strategies, enhancing real-time data processing and trading efficiency.

### THE AI GLASS  Python | IoT | AR

- Enhanced AR functionality by 40% in AI Glass, integrating IoT with AR/VR technology for a more immersive virtual experience.
- Achieved 100% connectivity reliability with smartwatches and smartphones through improved design.

### HOMEAR  Swift | AR | Unity3D

- Facilitated customer buying decisions by 25% with an application that augmented furniture in homes, aiding in interior design.
- Link: HOMEAR