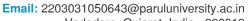


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EDUCATION	
Parul University B.Tech CSE - PIET CGPA: 8 / 10	2022 - 2026
St Mary's School, Vapi 12 th GSEB Percentage: 60 / 100	2022
St Marys's School, Vapi 10 th GSEB Percentage: 71 / 100	2020

PROJECTS

HabitIQ Mentor: self Team Size: 3	30 Oct, 2024 - 03 Jan, 2025
Key Skills: NodeJS Express ReactJS AIML MongoDB UI Development	
(Due to technical issues, the search service is temporarily unavailable.)	
### *Project Overview* *Name*: Habitiq (AI Health Tracker) *Goal*: AI-driven app to track habits, fitness, and wellness with personalized insights. *Key Features*: - Real-time health monitoring (activity, sleep, nutrition). - AI coaching (habit predictions, mental wellness NLP chatbot). - Wearable integration (Fitbit, Apple Watch). - Data dashboards and habit analytics.	
### My Role* #### *1. Al/ML Model Design* - *Tasks*: - Aggregate health data (activity, sleep, biometrics) Build models: - *LSTM/Transformers* for habit/time-series prediction *NLP models* for mental wellness coaching *Clustering* (K-means) for user behavior analysis Optimize models for mobile/web performance Integrate models into backend APIs.	
#### *2. Backend Development* - *Tasks*: - *Tech Stack*: Python (FastAPI/Django) or Node.js *APIs*: REST/GraphQL for data ingestion (wearables) and AI insights *Database*: PostgreSQL/Firebase for user profiles, health logs *Security*: HIPAA/GDPR compliance, JWT/OAuth authentication *Deployment*: AWS/Google Cloud for scalability.	
### *Workflow* 1. *Requirement Analysis*: Align with health experts on user needs. 2. *Al Pipeline*: Data Train models Optimize Deploy. 3. *Backend Setup*: APIs + database + cloud Integrate Al. 4. *Test & Launch*: Validate insights Deploy MVP Iterate.	
### *Deliverables* 1. Trained models (habit prediction, NLP coaching). 2. Scalable backend with APIs, auth, and cloud setup. 3. Integration with frontend/wearables. 4. Compliance and technical docs.	
### *Tools* - *AI*: TensorFlow, PyTorch, Scikit-learn *Backend*: FastAPI, PostgreSQL, Firebase *Cloud*: AWS Lambda, Google Cloud *Security*: JWT, OAuth, HIPAA-compliant encryption.	
Ai Image Recognition Chatbot Mentor: self Team Size: 4	06 Jun, 2024 - 16 Oct, 2024
Key Skills: AIML ReactJS NodeJS HTML CSS Python MongoDB Firebase	
### *Project Overview* *Project Name*: Image Recognition Chatbot *Objective*: Build an AI-powered chatbot for real-time image analysis and interaction.	

Your Role

1. AI/ML Model Design

- Develop and train models for image recognition (e.g., CNNs) and NLP (e.g., Transformers).
- Optimize models for accuracy and speed.
- Integrate models into the backend.

2. Backend Development

- Build scalable backend using Python (Flask/Django/FastAPI) or Node.is.
- Create APIs for frontend-AI integration.
- Set up databases (PostgreSQL/MongoDB) and authentication (JWT/OAuth).
- Deploy on cloud platforms (AWS/Google Cloud/Azure).

Deliverables

- 1. Trained AI/ML models.
- 2. Functional backend with APIs and database.
- 3. Seamless integration with frontend.
- 4. Documentation for models and backend.

Tools & Technologies

- *AI/ML*: TensorFlow, PyTorch, Keras.
- *Backend*: Flask/Django/FastAPI, Node.js.
- *Database*: PostgreSQL, MongoDB.
- *Cloud*: AWS, Google Cloud, Azure.

Let me know if you need further details! []

ASSESSMENTS / CERTIFICATIONS

SIH(Vadodra Hakathon 5.0)

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: 105 Dhanlakshmi Society, vrundavan chokdi

vadodara, Vadodara, Gujarat, India - 390019

Date of Birth: 03 Mar, 2005

Known Languages: English, Hindi, Gujarati

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