Parth Bhuptani

+91 70461 45445 | parthbhuptani10@gmail.com | linkedin.com/in/parth-bhuptani | github.com/ParthBhuptani | parthbhuptani.vercel.app

Summary

Final-year Information and Communication Technology student with a strong foundation in DSA, OOP, and DBMS, and hands-on full-stack development experience across React, TypeScript, Node.js, and REST APIs. Built and deployed multiple AI-integrated applications using the Gemini API and a Scikit-learn-based ML recommendation system, with measurable outcomes. Comfortable working across the stack, from backend logic and databases to responsive front-end interfaces.

Projects

FitTrack – AI Fitness Platform | *React, TypeScript, Gemini API, Supabase, Vite* Live

- Built and deployed an AI-powered fitness platform that generates personalized workout and diet plans using the Google Gemini API
- Designed a responsive analytics dashboard with Recharts for visualizing fitness and progress tracking data
- Used Supabase for database management and persistent application data storage
- Live and actively maintained, with ongoing feature enhancements

SplitSmart – AI Bill Splitting App | *React, TypeScript, Gemini API, Tailwind CSS* Live

- Integrated the Google Gemini API to extract structured bill data from photos and text via prompt-based parsing, achieving ˜90% parsing accuracy through iterative prompt refinement
- Implemented equal, item-wise, and percentage-based bill-splitting modes with a greedy settlement algorithm that minimizes the number of transactions between users
- Built serverless API routes with Vercel Functions and a responsive UI with Framer Motion animations

AI Travel Planner | *Python, Streamlit, Scikit-learn, Pandas, PyDeck* Live

- Built a machine learning-based travel recommendation application, performing data preprocessing and feature engineering on a curated dataset of 30+ destinations
- Trained and evaluated a Scikit-learn model to generate personalized recommendations and route/budget estimates
- Deployed as an interactive real-time Streamlit application with PyDeck-based route visualization

Education

Vishwakarma Government Engineering College Ahmedabad, India
B.E., Information and Communication Technology (CGPA: 7.67) *2024 – 2027*

Government Polytechnic Ahmedabad Ahmedabad, India
Diploma, Computer Engineering (CGPA: 8.88) *2021 – 2024*

Technical Skills

Languages: Python, Java, JavaScript, TypeScript, SQL
Web & APIs: React.js, Next.js, Node.js, REST APIs
Databases: PostgreSQL, MySQL, Supabase
Generative AI: Gemini API Integration, Prompt Engineering
Data Science / ML: Scikit-learn, Pandas, Data Preprocessing, Model Training & Evaluation
Tools: Git, GitHub, VS Code, Streamlit, Vercel

Certifications & Achievements

IBM SkillsBuild × AICTE AI & ML Virtual Internship – Edunet Foundation

Deloitte Data Analytics Job Simulation – Forage

Google AI Essentials – Coursera

ECWoC Certificate of Excellence – Ranked 59 among 5,000+ contributors

Vibe Hack – Ranked in the top 1,000 of 3,000+ teams