

PARTHASARATHI ADAK



PERSONAL DETAILS

Kolkata, 711302 ANDUL, howrah
sarathipartha2077@gmail.com, +919874759169
LinkedIn: linkedin.com/in/parthasarathi-adak-415204233
Github: github.com/parthhhh189
DOB: 12.08.2003
Natonality: Indian

PROFILE

I am a passionate software developer with a strong foundation in biotechnology, earned through my BTech degree. Over time, I have nourished and expanded my technical skills across multiple programming languages and technologies including C, C++, JavaScript, Java, CSS, databases, APIs, and full-stack development. Currently, I am honing my expertise as a backend developer, where I apply my diverse skill set to build efficient, scalable, and robust backend systems. I'm driven by continuous learning and excited to contribute to innovative projects that bridge technology and real-world solutions.

EDUCATION

Higher Secondary, XII-SCI Kendriya vidyalaya	Jan 2009 – Jan 2021
Bachelor of Engineering – BE, Biotechnology CHANDIGARH UNIVERSITY	Sep 2021 – Jun 2025

EMPLOYMENT

Backend Developer Value Kare Technologies, Jaipur, Rajasthan, India Contributing to an AI-powered EMR & Patient Navigation Platform at Value Kare (TBI-MNIT), using ML models (Logistic Regression, XGBoost, CNN) to optimize patient triage, reduce wait times, and improve healthcare access in Tier 2/3 cities. Supporting full-stack integration with React Native, Node.js, MongoDB & Firebase, with clinical pilots at Manipal and Fortis Hospitals validating real-time analytics and decision support.	Jul 2025
Buisness developent executive MEKNETICS INNOVATIONS P LTD, Pune, Maharashtra, India	May 2025 – Jul 2025
Data Analyst Deloitte	May 2025 – Jun 2025
Project Intern Jadavpur University, Kolkata, West Bengal, India	Jan 2025 – Jun 2025
Project Intern Eduscient, Remote	Apr 2024 – Jun 2024

CERTIFICATES

Google Data Analytics

May 2025

Market Research and Competitive Analysis

May 2025

Punjab hydroponics certified intern

Jun 2023

PROJECTS

EMR (Electronic Medical register)

Jun 2025 - Sep 2025

This project is an **Electronic Medical Records (EMR) system** built to streamline hospital and clinic operations by digitizing patient records, improving accessibility, and enhancing overall healthcare delivery. The platform provides **secure storage, quick retrieval, and easy sharing of patient medical histories, prescriptions, diagnostic reports, and treatment plans** across authorized healthcare professionals. With features like **role-based access control, appointment scheduling, prescription management, analytics dashboards, and interoperability with existing hospital systems**, the solution directly addresses the real-world challenges of data fragmentation and inefficiency in the healthcare sector.

AR/VR based Cultural heritage site

Jul 2025 - Sep 2025

It can lead upto an incredible experience of AR VR based tourism before visiting in real site for the tourists. This project is an **AR/VR-based tourism website** designed to transform the way people explore and plan their travel experiences. The platform integrates immersive **Augmented Reality (AR)** and **Virtual Reality (VR)** technologies, allowing users to virtually explore popular destinations, monuments, and cultural landmarks before visiting them in person. By providing **360° VR tours, AR overlays with historical facts, interactive maps, and personalized itineraries**, the website enhances user engagement and supports informed decision-making for travelers. This real-life applicable solution addresses the tourism industry's need for **digital transformation**, especially in enabling travelers to experience destinations remotely, boosting tourism marketing, and assisting users with accessibility challenges.

Intraday trade detection bot

Mar 2025 - Apr 2025

This project is an **Intraday Trade Detection Bot** developed using Python to assist traders in making faster and more accurate decisions in stock market and cryptocurrency trading. The bot uses **real-time data analysis, technical indicators, and pattern recognition** to generate **buy/sell signals** for scalping and short-term trading. By automating market scanning, it reduces human error, saves time, and provides traders with actionable insights, making it a **practically applicable tool in real-world trading scenarios**.