

Anik Bhaumik

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anik2005

in anik-bhaumik

Education

Techno Main Salt Lake

B.Tech Computer Science(Data Science)

Data Structures & Algorithms, DBMS, Operating Systems, Computer Networks, Machine Learning, Artificial Intelligence, Big Data Analytics, Data Visualization, Statistics, Data Mining, Cloud Computing, Machine Learning, Algorithms, Data Preprocessing

Aug 2024 - Aug 2028

S₁GPA - 8.37/10

S₂GPA - 8.73/10

Vivekananda Mission High School, Mechogram

All India Senior School Certificate Examination(AISSCE)

English, Mathematics, Physics, Chemistry, Computer Science, Hindustani Music(Vocal)

Jun 2023 - Mar 2024

Percentage – 90/100

Techno India Group Public School, Hooghly

All India Secondary School Examination(AISSE)

English, Mathematics, Science, Information Technology, Social Science

Apr 2021 - May 2022

Percentage – 97/100

Technical Skills

- Languages: Python, Java, JavaScript, C, C++
- Web Development: HTML5, CSS3, TailwindCSS, JavaScript (DOM, API integration), React.js (basic)
- Data Science: Pandas, NumPy, Matplotlib, scikit-learn
- Tools & Platforms: Git, GitHub, VS Code, Figma, Firebase
- Others: REST APIs, IoT basics, Database Management (MySQL)

Projects

1. Smart Health Tracker (Hackathon Prototype)

Tech: React.js, Node.js, Firebase, OpenAI API

- Developed a real-time health monitoring dashboard integrating wearable device APIs to track vitals and send emergency alerts.
- Implemented chatbot assistance for personalized health tips.
- Impact: Reduced average emergency response time in prototype testing by ~20%.

2. QR-Based Attendance & Payment System

Tech: JavaScript, Firebase, Node.js

- Built a cross-platform QR scanner for secure event check-ins and automated payments.
- Integrated cloud database for live attendance analytics.
- Use Case: Event organizers could reduce manual work by 80%.

3. Gym Management App (Dual End) (Ongoing)

Tech: HTML, CSS, JavaScript, Firebase

- Owner side: Subscription management, QR code entry tracking, product promotion.
- Customer side: Water tracker, calorie log, step counter.

Extra-curriculars

- Active member of college tech club, contributing to web-based projects.
- Mentor for juniors in coding basics and web development.
- Music & Singing – Performed at college cultural events, inter-college competitions, and local concerts.