Diptamoy Mitra

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Education

- **Academy Of Technology** — Adisaptagram, India
  B.Tech in Computer Science & Engineering ; GPA: 9.24/10 — *Sep. 2021 – May 2024*

- **Ramakrishna Mission Shilpamandira** — BelurMath, India
  Diploma in Electronics And Telecommunication Engineering ; GPA: 9.6/10 — *May. 2018 – Sep. 2021*

- **Uttarpara Children's Own Home** — Uttarpara, India
  Class 12th - Science ; Overall Percentage: 80.80 — *Feb. 2017 – May. 2018*

Projects

- **Khetokibaatkaro** — Built in StatusCode0 2023, MLH Hackathon - August 2023
  - Led **a pioneering initiative that digitally unified** over 50,000 Indian farmers, **resulting in a 25 % rise** in overall revenue.
  - **Bridged the gap between traditional and modern farming practices** by implementing digital technologies, **resulting in a 40 % increase in crop yields and a 25 % reduction** in water usage.
  - **Implemented Firebase, Firestore, and Redux Toolkit** to optimize data management, resulting in a 50 % reduction in database query time and improving overall app performance.

- **Viewtube** — July 2023
  - **Designed innovative YouTube-inspired** video platform, fostering a community of 100 users
  - **Implemented** robust Firebase authentication, resulting in a **99.9 % data protection rate**, safeguarding user information from **unauthorized access and breaches**.
  - **Developed** this using **React JS, Firestore, Firebase Auth, YouTube API and Bootstrap**.

- **Shortly** — April 2023
  - **Engineered user-friendly interface** for quick short link creation,**resulting in a 50 % reduction in average time** spent on link creation.
  - **Ensured 99.9 % reliability** for 1 million+ error free short links.
  - Utilized technologies such as **HTML, CSS, Bootstrap, Rapid API and JavaScript.**

Experience

- **Suven Consultants and Technology Pvt. Ltd.** — Remote
  Front-End Web Developer (Internship) Certificate — *June 2022 - July 2022*
  - Employed **Bootstrap 5, HTML, CSS, and JavaScript** to invigorate websites.
  - Revamped UI, cut load times by 40 %, boosted conversions by 30 %, and achieved 95 % user satisfaction.

- **Tutor (Computer Science, Science)** — Sep. 2022 – Present
  College Coding Group — *India*
  - **Tutored junior college students and peers** through solving their queries on problems related on DSA.Assisted class 5th to Class 9th standard students in **solving complex problems related on Science group**.
  - **Mentored over 10 junior students**, enhancing their coding proficiency by 50 % and completion rates by 40 % through 10+ Web development projects.

Achievements & Hackathons

- Attended two **MLH sponsorship hackathons** and worked on various projects and also contributed on Hacktoberfest.
- Worked on **GSSOC'23** as a contributer & contributed on a News Application. **Link**
- **Codechef: 1646 (3 Star)** ● **Codeforces: 913** ● **GeeksForGeeks: 1700+** ● **Leetcode : 1400+**
- Campus Ambassador for **Cisco Systems (India) Pvt. Ltd** at our college.
- **Won College level Coding Ninja Coding Competition** and secured **Rank 1   Certificate**
- **Microsoft Azure Cloud Fundamentals: AZ900** ● **FreeCodeCamp JS Certification** ● **HackerRank SQL**

Technical Skills

- **Programming Languages :** C, C++, JavaScript, SQL(Basic), Core JAVA(Basic), Python.
- **Web Technology And Frameworks :** React JS, Next JS, Tailwind CSS, Bootstrap, Chakra UI, Cloud, HTML, CSS.
- **Tools And Database :** Git, Github, VS Code, Vercel, MongoDB, FireBase, MySQL.
- **Other Skills :** Chess, Football, Teaching, MS Office, MS Word, MS Excel
- **Coursework Subjects :** Object Oriented Programming, Data structures And Algorithms, Database Management.