Partho Pratim Choudhury

GitHub : github.com/Partho-Pratim-Choudhury
Portfolio Website : [Partho Pratim Choudhury]

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EDUCATION

- **National Institute of Technology, Silchar** — Assam, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 9.1 — *December 2021 - June 2025*

- **Madhab Choudhury College, Barpeta** — Assam, India
  AHSEC; Percentage: 97 — *July 2019 - May 2021*

- **Don Bosco School, Kumarikata** — Assam, India
  SEBA; Percentage: 94.5 — *January 2006 - February 2019*

INTERNSHIP EXPERIENCE

- **SN Bose Summer Internship Program 2024** — Remote
  Research Internship — *June 2024 - July 2024*
  - **Title**: Malware Detection using Machine Learning.
  - **Tech Stacks**: Python, NumPy, Pandas, Scikit-learn, Google-Colab
  - This project entails an in-depth comparison of several machine learning algorithms, including Decision Trees, K-Nearest Neighbors (KNN), and Random Forests. The objective is to evaluate and identify the most effective approach for detecting malware.

PROJECTS

- **ChatsApp** — [Github Link]
  Chat Application — *July 2024*
  - **Tech Stacks:** React.js, Google Firebase
  - ChatsApp is a real-time chat application built with React.js. It uses Firebase Authentication for secure user sign-ups and logins. Users can engage in secure, real-time conversations and share media files. The platform also includes user management features, such as the ability to block other users, enhancing both user experience and security. This combination of real-time communication and comprehensive security measures makes ChatsApp a standout choice for modern, secure messaging.

- **ParthoSocial** — [Github Link]
  Social Media Application — *July 2023*
  - **Tech Stacks:** MongoDB, Express.js, React.js, Node.js
  - ParthoSocial is a versatile social media web application that allows users to engage in typical social media activities, such as sharing and liking posts, viewing profiles, and following or unfollowing other users. The platform also includes robust security features, offering secure login and logout functionalities to protect user accounts.

SKILLS SUMMARY

- **Languages** : Proficient in: C, C++ | Familiar with : HTML, CSS, JavaScript, Python, MySQL.
- **Development** : React.js, Node.js, Express.js, MongoDB, Google Firebase.
- **Tools** : Git/GitHub, Postman
- **Soft Skills** : Analytical Thinking, Strong Work Ethics, Leadership, Time Management, Public Speaking
- **Relevant Coursework** : OOPS, DSA, Operating Systems, DBMS, Computer Networks, Software Engineering.

CERTIFICATIONS & ACHIEVEMENTS

- Maximum rating of 1486 (Specialist) on [Codeforeces], 1787(3*) on [CodeChef], and 1726 on [Leetcode].
- Participated in Google Kickstart Round H 2022 and secured a rank of 2343 (17,0000+ participants) [Certificate].
- Solved a total of 1000+ programming problems throughout all platforms.
- Finalist in Coding Track conducted by NITS Hacks module of Tecnoesis, 2024 at NIT Silchar.

POSITION OF RESPONSIBILITY

- **Executive Member** — July 2022 - May 2023
  Eco Club (NIT, Silchar)
  - Successfully organised and led numerous plantation drives and cleanliness campaigns across the campus.

OTHER INTERESTS/EXTRACURRICULAR ACTIVITIES

- Playing Chess
- Playing Cricket