Sarafaraj Nasardi

📞 +91-9766798619 ✉ sarafarajnasardi786@gmail.com in SarafarajNasardi ⬡ SarafarajNasardi

Education

National Institute of Technology, Agartala	**2023 − 2027**
Bachelor of Technology in Computer Science and Engineering	*CGPA: 9.33*
Vyankatrao HighSchool and Junior College, Ajara	**2021 − 2023**
Senior Secondary (XII)	*Percentage: 80.3*
Vyankatrao HighSchool and Junior College, Ajara	**2015 − 2021**
Secondary (X)	*Percentage: 98.6*

Projects

Decrypting Caesar Cipher

- Developed a mobile app for decrypting Caesar Cipher as a solution for the **Tripura-State CyberSecurity Hackathon 2024**.
- Designed and implemented a responsive UI using **Flutter** to ensure a smooth user experience.
- Integrated a **RESTful API** leveraging **Markov Chain algorithms** for automated and intelligent decryption.
- Led **end-to-end development**, ensuring **high performance, optimization, and seamless UI responsiveness**.
- **Technologies Used: Flutter, Dart, RESTful API, Markov Chains.**

CodeMetrics – CP Analytics Platform

- Built the backend of a full-stack platform to track and analyze Codeforces users' progress using **Node.js**, **Express.js**, and **MongoDB**.
- Integrated **Codeforces API** and developed RESTful endpoints for real-time leaderboard, profile comparison, and user insights.
- Scaled to **500+ daily active users**, delivering personalized dashboards with rich problem-solving analytics.
- **Live:** codemetrics-rosy.vercel.app   **GitHub:** Frontend — Backend

Achievements

- Achieved **Pupil** rank (Rating: **1388**) on **Codeforces** with **400+** problems solved. **Profile:** SarafarajNasardi
- Ranked in the **Top 7%** on **LeetCode** with **350+** algorithmic problems solved. **Profile:** SarafarajNasardi
- Earned a **3-Star** rating (Rating: **1637**) on **CodeChef** through consistent contest participation. **Profile:** SarafarajNasardi
- Secured **Runner-up** position at the **Tripura-State Cybersecurity Hackathon 2024** held at **NIT Agartala**, competing among 150 teams.
- Awarded **Runner-up** at **Coderelay 3.0 Hackathon** by **IIT Bhubaneswar**, outperforming 300+ teams.
- Ranked in the **Top 2.5%** nationwide in **JEE Main 2023** among 1.2 million candidates.
- Scored **99.41 Percentile** in the **MHT-CET 2023** Engineering entrance exam.

Technical Skills

Programming Languages: C++, C, Dart, JavaScript
Markup & Style: HTML, CSS, Tailwind CSS
Frameworks & Libraries: Node.js, Express.js, React, BootStrap
Database Technologies: SQL, MySQL, PostgreSQL, MongoDB, Firebase
Mobile Development: Flutter (Dart)
Developer Tools: Git, GitHub, Android Studio, VS Code, Linux
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Object-Oriented Programming, Discrete Mathematics

Positions of Responsibility

- **Member, Developers and Coders Club (DCC), NIT Agartala**: Contributed to mobile application development as part of the **Mobile Dev Team**, assisting in building student learning resources. Organized various hackathons and workshops to foster innovation and technical learning.
- **Mentor, Developers and Coders Club (DCC), NIT Agartala**: Guided students in **Competitive Programming** and **Data Structures & Algorithms**, helping them enhance problem-solving skills through mentorship and practice sessions.