Harsh Vardhan Kumar

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EDUCATION

National Institute of Technology, Agartala   **2021 − 2025**
Bachelor of Technology in Computer Science   *CGPA: 8.05*

INTERNSHIP EXPERIENCE

National Informatics Center, Agartala   **May 2024 − July 2024**

- Built a scheme recommendation engine using Python to suggest relevant government schemes to users.
- Developed and converted the engine into an API, facilitating easy access and integration.
- Integrated the API with the frontend to enhance user experience and provide real-time recommendations.

PROJECTS

Face-Detection-Attendance-System_Final-Year-Project   [⌥]
- Final-year group project focused on automating attendance using the Dlib face recognition model.
- Developed robust facial recognition for accurate real-time attendance tracking.
- Designed an intuitive interface for managing records and generating reports.
- Optimized the system for faster image processing and improved reliability.

Pizza-world Co.   [⌥]
- Developed a scalable pizza ordering app using React, Redux, Node.js, and PostgreSQL.
- Performed unit testing and maintained documentation for reliability.
- Tools and Technologies: React, Redux, Node.js, PostgreSQL, Tailwind CSS.

Family Travel Tracker   [⌥]

- Built a web app using Express.js and PostgreSQL for country tracking with user authentication.
- Managed database queries for efficient data storage and retrieval.
- Tools and Technologies: Express.js, PostgreSQL, EJS.

ACHIEVEMENTS

- **Knight** on LeetCode and Secured Top 5.6% Profile: **LeetCode**.
- **3-star** on CodeChef Profile: **CodeChef**.
- **5-star** on HackerRank Profile: **HackerRank**.
- Secured **Global Rank 232** in CodeChef's Lunchtime Div 3.
- Ranked in the top **2.0 percentile** in **JEE Main 2021** among 1.4 million students.

TECHNICAL SKILLS

- **Languages**: Java, JavaScript, Python, SQL, C, C++
- **Frameworks & Libraries**: React.js, Express.js, Next.js
- **Technologies**: PostgreSQL, APIs, HTML, CSS
- **Computer Fundamentals**: Object-Oriented Programming, Operating Systems, Databases, Computer Networks
- **Developer Tools**: Git, GitHub, VS Code.

POSITION OF RESPONSIBILITY

- **Technical Lead** of **Data Science & AI Club** at NIT Agartala.
- **Social Media Lead** of **Data Science & AI Club** at NIT Agartala.
- Member of **Training & Placement Cell**.

ACTIVITIES AND INTERESTS

- **Technical**: Competitive programming, problem solving, algorithms, and web development.