SONU KUMAR

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Education

Haldia Institute of Technology	**Aug. 2020 – July 2024**
Bachelor of Technology in Information Technology; GPA: 8.49/10.00	*Haldia, West Bengal*
S. N. Sinha College, Aurangabad	**April 2019**
Higher Secondary (Science); Percentage: 76%	*Bihar, India*
St. Ignatius School, Aurangabad	**March 2017**
Secondary Education (CBSE); CGPA: 10.00/10.00	*Bihar, India*

Technical Skills

- **Languages:** Java, Python(Basic), SQL, HTML, CSS, JavaScript
- **Technologies/Frameworks:** React.js, Express.js, MongoDB, Node.js
- **Databases:** SQL, NoSQL (MongoDB)
- **Course Work:** Object Oriented Programming (OOP), Database managemt System (DBMS)
- **Other:** Programming Skills, Analytical abilities, Logical thinking, and Good communication skills.

Projects

Ecommerce Webapp | *React Js, MongoDB, Express Js, Node Js* | **GitHub** | **Live Demo**

- Developed an Ecommerce webapp with separate admin and user dashboards, streamlining customer records and orders.
- Optimized backend performance by integrating Express middleware, reducing load times.
- Implemented user authentication and authorization using JWT, securing admin and user functionalities while ensuring compliance with legal standards.
- Built REST APIs with Node.js for user authentication, product management, and order processing.
- Utilized MongoDB for scalable data storage, implementing indexing strategies that improved query performance by 20%.

Experience

Web Developer Intern [Certificate]	**Dec. 2022 – Mar. 2023**
Ardent Computech PVT. LTD.	*Kolkata, West Bengal*

- Built an responsive and innovative user interface in React for a Hospital Management System, significantly enhancing usability and functionality.
- Integrated complex authentication and authorization mechanisms using JWT tokens, enhancing security and enabling real-time monitoring, solutions, and status tracking across dashboards.
- Implemented a real-time scheduling system for doctor availability and appointments, improving operational efficiency by 25% through effective programming, clear writing, and strong interpersonal skills.

Leadership / Extracurricular

Association for Computing Machinery (A.C.M)	**JULY 2023 – JUNE 2024**
Former Chair Person	*Information Technology*

- Achieved a 4-star ACM ranking from my college for successfully conducting workshops and webinars.
- Managed executive board of 5 members and ran weekly meetings to oversee progress in essential parts of the chapter.
- Led chapter of 30+ members to work towards goals that improve and promote community service, academics, and unity.