SAURAV KUMAR

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EDUCATION

Academy of Technology   **2020 – 2024**
*B.Tech (Hons) in Computer Science and Engineering - **CGPA - 8.6***   *Hooghly, West Bengal*

Bal Vidya Niketan   **2018 – 2020**
*Senior Secondary - **Percentage - 68.6%***   *Jehanabad, Bihar*

Pratibha Pallavan Public School   **2017 – 2018**
*Secondary - **Percentage - 76%***   *Jehanabad, Bihar*

COURSEWORK / SKILLS

- Data Structures
- OOPS Concept
- Software Engineering
- Soft Computing
- Operating Systems
- Database Management System
- Computer Network
- Computer Architectures

PROJECTS

Talk Time 🔗 | Tailwind CSS, MongoDB, Express.js, React.js, and Node.js   **04/2024**
- Developed a **real-time chat application** that allows users to connect and communicate instantly.
- Ensured **responsive design** for different screen sizes using Tailwind CSS.
- Enhanced **skills** in real-time web applications and state management by **80%**

Sorting Visualizer 🔗 | Html, CSS, JavaScript   **11/2023**
- Developed an interactive web-based tool to visualize **sorting algorithms**, such as Bubble Sort, Merge Sort, and Quick Sort.
- Optimized rendering performance for larger arrays, ensuring smooth animations and efficient execution.
- Enhanced **educational value**, helping users and peers understand the mechanics of sorting algorithms through intuitive visualizations.

Quiz app 🔗 | HTML, CSS, JavaScript   **01/2023**
- Created a simple quiz app with basic multiple-choice questions
- Built using HTML, CSS, and JavaScript with no external libraries or frameworks.
- Simple scoring system that updates dynamically as users answer questions.

TECHNICAL SKILLS

Languages: Java, C, C++,JavaScript, SQL
Developer Tools: VS Code, Intellij Idea, Eclipse

EXTRACURRICULAR

Environmental Club   **September 2023 - June 2024**
Event Coordinator   *Academy of Technology*

- Coordinated Earth Day events, including tree planting drives and recycling awareness campaigns.
- Led a team to start a successful recycling program across our campus. This led to less waste and more understanding of recycling among students and staff.
- Organized workshops and seminars to educate students on climate change and the importance of environmental conservation.

CERTIFICATIONS

- **Programming Fundamentals - Coursera** 🔗
- **Java - Wipro** 🔗
- **SQL - Hackerrank** 🔗