Krishnendu Bhattacharyya

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EDUCATION

Indian Institute of Information Technology (IIIT), Kalyani 2021 - Present
B.Tech. Computer Science and Engineering *CGPA:* **9.4**/10

Hem Sheela Model School 2019 - 2021
  Precentage: **96.6**

EXPERIENCE

Full Stack Web Developer Intern April'24 – May'24
Programmers Trend *Remote*
- Tech Stack: React, Bootstrap, Node.js, Express, Firebase
- Skills: Git, Frontend development, Backend development
- Worked on the new authentication page and landing page to improve the user experience and increase user influx.

Web Developer Intern Jan'24 – April'24
Homaid Services *Remote*
- Tech Stack: React, Bootstrap, Node.js, Express, MySQL
- Skills: Git, Frontend development, Backend development, Communication, Teamwork
- primarily worked on the main website's frontend and the admin panel's backend, ensuring seamless user interface integration and functionality across both platforms.

PROJECTS

Traffic Monitoring System | *Python, numpy, pandas, Yolov8* 🔗Link
- Implemented the latest **YOLOv8 from Ultralytics** for vehicle identification, count and differentiation. Achieved an accuracy of 95%
- Implemented the **DeepSort Algorithm** for speed calculation and overspeeding judgement. Achieved an accuracy of 85%

KShop | *React, React Redux, Bootstrap, Auth0, Firebase* 🔗Link
- Developed a fully functional shopping website using ReactJS, React Redux, and Bootstrap.
- Implemented a registration portal using Auth0 and the backend using **Firebase Realtime Database**

Tetris Game | *Java, Java AWT, Java Swing* 🔗 Link
- Developed the classic and all-time favorite Tetris game with the help of Java. It uses Java AWT and Java Swing to show the window for playing the game.
- Implemented various algorithms for the smooth functioning of the game and checking the different ending conditions and scoring options.

SKILLS

Languages: C/C++, Python, Java, JavaScript, HTML, LaTeX
Tools: Git/GitHub, Unix Shell, VS Code, IntelliJ
Frameworks: React, Django, Node.js, Express WordPress, Material-UI, FastAPI
Databases: Firebase, PostgreSQL, MySQL, MongoDB

Libraries: pandas, NumPy, Matplotlib
Others: Problem Solving, Machine Learning, NLP, Programming

ACHIEVEMENTS

Ranked **3rd** in the school among 264 students in the ICSE 2019 batch.

Among the **top 4 percentile candidates** all over India in JEE Main 2021