SANIUL ISLAM SANI
SOFTWARE DEVELOPER

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SUMMARY

I am a dedicated computer science professional with expertise in problem-solving, algorithm, object-oriented programming, database management, and web development. I am passionate about optimizing solutions and enhancing user experiences. I am actively seeking opportunities to drive technological advancements and thrive in challenging environments where I can leverage my knowledge and skills to contribute to both organizational growth and my personal development.

SKILLS

- Programming Languages: C, C++, Python, Java, JavaScript
- Web Development: HTML, CSS, Bootstrap, PHP, React, Node.js, Express, jQuery, JavaScript, Next.js, Tailwind CSS
- Database Management: MySQL, MongoDB
- Mobile App Development(Basic): Dart, Flutter
- Problem solving: Successfully solved over 200 programming challenges on various online judges, including platforms like LeetCode, Codeforces and HackerRank.
- Development Tools: VS Code, Git, Android Studio
- Experience with UML diagram and ERD.

EDUCATION

Bachelor of Science in Computer Science & Engineering
Independent University, Bangladesh | 2020-present
- CGPA: 3.6(out of 4)
- Dean's List, 2021
- Vice Chancellor's List, 2022

PROJECTS AND RESEARCH

On-going Research on Computer Vision: Violence Detection and Classification
June,2023-Present
- Focusing on violence detection and classification using :
  - CNN (Convolutional Neural Networks) and LSTM models
  - Comparative analysis with multiple datasets to enhance model accuracy.
- Collaborating with peers and advisors to refine research methodology.

The Daily SunRise Online Newspaper
Next.js, React.js, Tailwind CSS, MongoDB
- Developed an online news portal using Next.js and React for creating responsive user interfaces.
- Front-Utilized MongoDB with Mongoose for data management, ensuring efficient data storage and retrieval.
- Implemented Tailwind CSS for modern and responsive styling, enhancing the visual appeal of the application.
- Demonstrated proficiency in modern web development technologies and best practices

Student Performance Monitoring System
React, Node.js, CSS, Bootstrap, Axios
- Developed a student performance monitoring system with React for responsive UIs.
- Utilized Node.js for server-side operations, MySQL for data management, and Axios for handling HTTP requests.
- Demonstrated proficiency in modern web development technologies.

Travel and Tourism Management System
HTML, CSS, JS, jQuery, PHP, Bootstrap
- Developed a comprehensive web application for the management of travel and tourism services.
- Front-end: Created a user-friendly interface using HTML, CSS, Bootstrap, and JavaScript for dynamic content and interactions.
- Back-end: Implemented PHP to handle server-side operations and MySQL for efficient database management.

ACTIVITIES AND INTERESTS

Competitive Gaming: Achieved the runner-up position at the IUB Intra-Gaming Contest in MLBB, 2022.

Photography: Winner of the Walton PrimoGraphy Contest Nov,2016