Nilasish Halder

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Github Profile

SUMMARY

Aspiring Full Stack Developer pursuing a B.Tech in Computer Science and Engineering at NIT Durgapur. Proficient in JavaScript, Python, C, and C++, with a strong focus on problem-solving, creative thinking, and software development. Experienced in developing responsive front-end interfaces, scalable back-end systems, and user-focused web applications. Committed to continuous learning and delivering impactful solutions.

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, Durgapur   **Nov 2022 - Present**
Bachelor of Technology, Computer Science And Engineering   *Durgapur, West Bengal*
CGPA: 8.26 / 10

CALCUTTA BOYS' SCHOOL, Kolkata   **Sep 2020 - May 2022**
Higher Secondary Education, Science (PCM)   *Kolkata, West Bengal*
PERCENTAGE: 94.75%

SKILLS

- **Programming Skills**: C/C++, Basic Python, Data Structures and Algorithms, Object Oriented Programming
- **Technical Skills**: Problem Solving, Operating Systems, Database Management Systems, Computer Networks
- **Tech Stacks**: Frontend : HTML, CSS, JavaScript, React.js, Backend : Node.js, Spring Boot, Database : MongoDB(Basic), SQL, Development Tools : GIT, GitHub, IntelliJ IDEA
- **Soft Skills**: Team Work, Time Management, Creativity.
- **Other Skills**: Photography, Adobe Lightroom.

ACHIEVEMENTS

- **JEE Mains and Advanced**: Achieved an AIR of 11010 in JEE MAINS 2022 and qualified JEE Advanced 2022.
- **Coding and DSA**: Solved 350+ coding problems on various online platforms.
- **Competitive Programming**: Attained a rating of 2-star on Codechef (HR 1416).
- **C++**: Accomplished a rating of 5-star on Hackerrank in C++.
- **Problem Solving**: Obtained a rating of 2-star on HackerRank in Problem Solving.
- **WBJEE**: Secured an AIR of 1100 in WBJEE 2022.

PROFESSIONAL EXPERIENCE

Spiraldevs Automation Industries Pvt. Ltd   **Jun 2024 - Jul 2024**
Full-Stack Developer   *Raiganj, West Bengal*
- Developed a comprehensive web application using Ionic, Angular.js, Spring Boot, and Apache Cassandra, improving user engagement and system performance
- Implemented various backend functionalities such as User login and User details update, enhancing app security and user experience
- Created a responsive dashboard with React.js for the frontend, improving user accessibility and interface responsiveness
- Facilitated real-time communication and ride creation features using Socket.io, enhancing user interaction and service efficiency.

Outlier AI Platform   **Jan 2025 - Present**
AI Training and Prompt Engineering   *Remote*
- Selected as a technical contributor for AI model training projects through competitive skill assessments.
- Crafted and optimized prompts for large language models, improving AI response accuracy and contextual relevance
- Collaborated with global AI teams to evaluate and improve model performance, using technical expertise in STEM fields and tools like MongoDB and Python, resulting in enhanced model accuracy

PROJECTS

Inventory Data Visualization Platform | Github Link
- Tech Stacks - HTML, CSS, JavaScript, React.js, Express.js, SQL,
- Built for a coffee shop, but adaptable to any inventory system with dataset integration
- Designed a dynamic dashboard with interactive charts, graphs, and tables for real-time insights
- Enabled AI-driven natural language query support to generate custom visual analytics

ChitChatz - Realtime Chat and Communications Platform
- Tech Stacks - HTML, CSS, JavaScript, MongoDB, Express.js, React.js, Node.js
- A Responsive real-time chat app built with MERN stack and styled with styled components
- It has register and login functionalities along with contacts display and a chat container that supports real-time messaging with socket.io and an efficient data handling.

EXTRACURRICULAR ACTIVITIES

Calcutta Boys' School

Football Team Member

• Represented the school football team in multiple inter-school competitions, demonstrating teamwork, discipline, and leadership.

Calcutta Boys' School

CONCORD Organizer

• Played a key role in organizing CONCORD, the Annual Cultural Fest of Calcutta Boys' School, showcasing strong organizational and event management skills

Calcutta Boys' School

Debate and Photography Participant

• Actively engaged in various debates and photography competitions, reflecting a diverse set of interests and a commitment to personal growth and creativity.