NILESH SAHA

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Nabadwip, West Bengal - 741302, India

SUMMARY

A dynamic and detail-oriented software developer passionate about creating efficient, scalable, and user-friendly software solutions. Proficient in various programming languages and technologies, adept at problem-solving, and committed to staying updated with industry trends.

EDUCATION

- **St. Thomas' College of Engineering and Technology**   *September 2021 - Present*
  Bachelor of Technology in Information Technology | CGPA: 8.6/10   Kolkata, India
- **Nabadwip Hindu School**   *March 2020 - June 2021*
  Higher Secondary, WBCHSE | Grade: 86.2%   Nabadwip, India
- **Nabadwip Hindu School**   *March 2018 - February 2019*
  Secondary Education, WBBSE | Grade: 84.43%   Nabadwip, India

PROJECTS

- **Airline Ticket Booking System:**   *April 2024 - July 2024*
  Tools: [Java, MySQL, JDBC, Java Swing]   [🔗]
  ◦ Developed a comprehensive booking system with a Java Swing interface, enabling users to seamlessly manage airline tickets, check real-time seat availability, and receive instant booking confirmations.
  ◦ Integrated MySQL with JDBC to handle passenger data, flight schedules, and booking records, ensuring secure data transactions, consistent performance, and reliable data integrity throughout the application.

- **Library Management System:**   *February 2024 - April 2024*
  Tools: [Python, Tkinter, Oracle SQL, SQL]   [🔗]
  ◦ Designed an automated system for library management using Python and Tkinter, facilitating efficient book issuance, returns, fine calculations, and membership management with a user-friendly GUI.
  ◦ Employed Oracle SQL for robust data handling, allowing for secure storage and retrieval of large datasets, and executed complex queries to maintain up-to-date information on library transactions and inventory.

- **Weather App:**   *November 2023 - January 2024*
  Tools: [HTML, CSS, JavaScript, RapidAPI]   [🔗]
  ◦ Created a responsive web application using HTML and CSS, offering an intuitive user experience across devices and providing real-time weather updates through integration with RapidAPI.
  ◦ Implemented JavaScript to fetch and display accurate weather data, along with a search feature for location-specific weather details, ensuring efficient data retrieval and reliable performance.

SKILLS

- **Programming Languages:** Java, SQL, C/C++, JavaScript
- **Web Technologies:** HTML, CSS, React.js, Express.js
- **Databases :** MySQL, Oracle SQL
- **Developer Tools:** VS Code, Git, GitHub
- **Relevent Coursework:** OOPs, DBMS, Data Structures & Algorithms, Computer Networking, Operating System

ACHIEVEMENTS

- **Software Engineer Intern**   *August 2024*
  HackerRank   [🌐]
  ◦ Earned a Software Engineer Intern certificate from HackerRank, demonstrating strong proficiency in software development and coding.

- **Codigo**   *March 2024*
  IEEE   [🌐]
  ◦ Achieved finalist status in the code debugging competition "Codigo" organized by IEEE.

TRAINING & CERTIFICATIONS

- **SQL Intermediate Certificate on HackerRank:**[🌐]   *August 2024*
- **Java Foundation Certificate from Infosys Springboard:**[🌐]   *July 2024*
- **Version Control Certificate from Coursera, endorsed by Meta:**[🌐]   *October 2023*
- **3-days Cyber Security Workshop organized by STCET:**[🌐]   *August 2023*

ADDITIONAL INFORMATION

Languages: English (Professional Working proficiency), Bengali (Native or bilingual proficiency), Hindi (Limited working Proficiency)

Interests: Watching Cricket, Watching Movies, Reading Books, Playing Sports