Sourav Lahon

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EDUCATION

National Institute of Technology Silchar   Cachar, Assam, India
Bachelor of Technology in Computer Science and Engineering, 7.19 CGPA   *2021 – 2025*

EXPERIENCES

Microsoft - Software Engineer Intern   Hyderabad, India
May 2024 – July 2024   *Certificate*
- Developed a debug tool for the MSAI-UX team, designed to **reduce triage time** by 30%.
- Engineered features such as Response Debugger, Accessibility Debugger, and Performance Analyzer.
- Improved code and development approaches based on feedback, achieving a 50% **increase in performance**.
- Wrote **extensible code and reusable components**, ensuring easy onboarding and maintenance.

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript, HTML, CSS
Frameworks: React, Node.js, Express.js, Flutter
Developer Tools: Git, VS Code, Linux, MongoDB

PROJECTS

Assam Dress | *MongoDB, Express, React, Node*   assamesedress.shop
- Launched an **E-Commerce** website to showcase culture on a global scale.
- Engineered features such as **password hashing** and **password recovery** utilizing **JWT tokens**.
- Employed **MongoDB** and **Axios/Redux** for **CRUD** operations and **login persistence**.
- Incorporated **Cloudinary** for image storage and **Stripe** for **payment** processing.

Portfolio Website | *React, HTML, CSS*   lahon.in
- Crafted a space-themed **responsive** portfolio website.
- Designed a creative navigation panel and single-page interface with **React Libraries** and **CSS animations**.
- Showcased additional projects including **three.js** implementation and a 25-hour clock developed with **Python**.

Mujhe Books Do - Buy and Sell Books | *React, Firebase*   mujhebooksdo.netlify
- Created a buy and sell platform utilizing **React**.
- Integrated Google authentication with **Firebase**.

Doggies | *Flutter*   doggies.github
- Developed a simple application to display images of random dogs using **Flutter**.
- Utilized the Dog **API** to retrieve random dog images.
- Created an engaging interface with **Flutter widgets**.

COURSES

Operating System, Software Engineering, Object Oriented Programming, Computer Networks, Database Management System

EXTRA CURRICULAR

Music: Freelanced as a Music producer.
Painting: Experienced in watercolor and graffiti.
Media: Proficient in Video Editing and Graphic Design.