

SAKSHAM SONI

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EDUCATION

Dr.APJ Abdul Kalam Technical University Lucknow

10-2021 — 07-2025

Jee Mains - B-tech (Electronics and communication Engineering)- Cgpa - 7.2

Uttarpradesh, India

INTERNSHIP

Bharat Intern [↗](#)

10-2023 – 11-2023

Web Development

Kanpur, India

- Developed and assisted in building responsive websites using HTML, CSS, and JavaScript.
- Designed clean and user-friendly web interfaces to enhance user experience.
- Improved website performance through optimized front-end practices.
- Implemented new website features and assisted in debugging UI issues.

Oasis Infobyte [↗](#)

11-2024 – 02-2025

Web Development & Designing

Kanpur, India

- Developed responsive and visually appealing websites using HTML, CSS, and JavaScript.
- Designed intuitive front-end layouts ensuring a user-friendly interface.
- Collaborated with the design team to implement modern web design principles.
- Optimized website performance for better responsiveness across multiple devices.

PROJECTS

AI Fitness Trainer (Squat Analyzer) [↗](#) | [React.js](#), [Node.js](#), [Python](#), [OpenCV](#), [MediaPipe](#)

06-2024

- Developed a full-stack AI-powered fitness web application that analyzes squat posture using computer vision.
- Built a responsive frontend using React.js to capture live webcam video and display posture feedback in real time.
- Implemented backend APIs using Node.js and Express.js to process video frames and communicate with the AI model.
- Integrated a Python-based pose detection system using OpenCV and MediaPipe to track body landmarks.
- Provided instant feedback and posture correction suggestions to improve squat accuracy.
- Optimized performance for real-time detection and smooth UI interaction.

Movie Streaming Platform (Netflix Clone) [↗](#) | [React.js](#), [Node.js](#), [Express.js](#), [MongoDB](#)

08-2023

- Developed a full-stack movie streaming platform inspired by Netflix with dynamic movie listings.
- Built the frontend using React.js with reusable components and responsive UI design.
- Implemented backend services using Node.js and Express.js to manage movies and user data.
- Integrated MongoDB database to store movie information, categories, and user preferences.
- Designed RESTful APIs to fetch movie data and dynamically render content on the frontend.
- Implemented user authentication and session handling for secure login functionality.

Interactive Utility Web App [↗](#) | [React.js](#), [Node.js](#), [Express.js](#), [MongoDB](#)

09-2024

- Developed a full-stack utility web application that includes tools such as temperature conversion and calculators.
- Built responsive user interfaces using React.js to ensure smooth interaction across devices.
- Implemented backend services using Node.js and Express.js to handle API requests and user inputs.
- Integrated MongoDB to store user activity and application data.
- Designed REST APIs to enable communication between frontend and backend components.
- Optimized application performance and ensured scalability using modular code architecture.

TECHNICAL SKILLS

Languages: Python, C, C++, Html, Css, JavaScript, React.Js, SQL

Developer Tools: Pycharm, VS Code, My Sql, Microsoft Power Bi,

Technologies/Frameworks: Linux, GitHub, ReactJS

CERTIFICATIONS

- Web Development - Bharat Intern
- Microsoft Power Bi
- "Hands on Training on Signal Processing, Data Acquisition and Artificial Intelligence for Inferential Learning"- ABVRC (Dr.AITD Kanpur)