

SAUVIK DAS

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EDUCATION

Master of Computer Application

Jadavpur University

SGPA: 7.9

October 2024 - July 2026

Bachelor of Science (Hons.) in Computer Science

Burdwan Raj College

CGPA: 9.44

October 2021 - August 2024

TECHNICAL STRENGTHS

Coursework	OOP, DSA, Operating Systems, Computer Network, DBMS
Programming Languages	C, C++, Java, Javascript, MySQL
Development Tools	HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB
Software & Tools	Git, GitHub, Postman

PROJECTS

BitShelf - A Developer's Toolbox

[\[Live\]](#) [\[GitHub\]](#)

Javascript, Node.js, React

- Developed a **one-stop solution** to all essential developer utilites like JSON Formatter, Base64 Encoder/Decoder and many more.
- Designed a modular React-based frontend with an **intuitive and responsive UI**.
- Optimized performance for **fast and low-latency** processing of developer inputs.

LearnTube - An Online Learning Platform

[\[Live\]](#) [\[GitHub\]](#)

Javascript, Node.js, Express, MongoDB, React

- Developed a **full-stack Learning Management System (LMS)** to manage courses, users, assignments, and real-time progress tracking.
- Implemented **secure user authentication** and role-based access for admins, instructors, and students, with JWT-based login and protected routes.
- Integrated Stripe payment gateway to enable **secure and seamless transactions** for purchases.

Sign Language Detection

[\[GitHub\]](#)

Python, Jupyter Notebook, pandas, TensorFlow, scikit-learn

- Developed a **Computer Vision Model** to recognize and interpret hand gestures in real time using a webcam
- Built and trained the model using TensorFlow and scikit-learn, applying preprocessing techniques with pandas and OpenCV
- Demonstrated the potential of AI in **enhancing accessibility** for individuals with hearing and speech impairments

ACADEMIC ACHIEVEMENTS

- Ranked 8th in WB-JECA 2024 (State level MCA entrance test).
- Achieved University Rank 3 by consistently excelling in academics across all semesters.
- Scored 94% in Secondary (ICSE) examination.

CERTIFICATIONS & CODING PROFILE

- 5 Star in HackerRank [\[Link\]](#)
- Solved 200+ problems on Leetcode [\[Link\]](#)
- Solved 100+ problems on GeeksForGeeks [\[Link\]](#)