



Sambit Kumar Pradhan

Scholar Id: 2012111

Bachelor in technology

Computer Science and Engineering

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Sambit0510

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EDUCATION

- National Institute of technology Silchar** 2020- 24
BTech , Computer Science Engineering CGPA: 8.33
- S.R.Public School** 2017-19
Board of Intermediate Education, Rajasthan Percentage: 87.5
- D.A.V Public School , M.C.L jagannath Dera** 2016-17
Board of Secondary Education, Odisha Percentage: 95

EXPERIENCE

- Hostel Devta**
Full stack developer Intern
 - Eliciting software requirements, participating in daily project team huddles, reviewing user stories and creating software development tasks in accordance to business needs with Azure DevOps.
 - Design and development of user identification verification system using MERN (MongoDB, Express.js, React.js, Node.js) technology in a team .
 - Worked on react.js to build the frontend UI/ UX of the project [Link]

PROJECTS

- ForEverNotes- Saving and Searching Notes on cloud**
Cloud Notes App using the MERN(MongoDB,Express.js, React.js, Node.js) stack
 - JWT-based authentication for user security and Employed Bcrypt for password hashing ensuring data security and privacy for user accounts and notes.
 - MongoDB as the database system to store Notes, seamless signup and login and Node.js for server-side scripting and backend logic [link]
- AI Virtual Mouse - Hand Gesture Control**
Developed an application that allows mouse cursor control using hand gestures
 - Technologies used- Python, OpenCV, MediaPipe, PyAutoGUI.
 - Implemented computer vision techniques and MediaPipe for hand gesture detection and tracking. [Link]
- Reddit sentiment analysis**
Developed a program goes through Reddit, finds the most mentioned tickers, and calculates the ticker compound value.
 - Technologies used- Python, VADER sentiment analysis.[Link]
- Zero-Based Watermarking Technique using FCT and LBP techniques**
Conducted groundbreaking research in digital image watermarking techniques.
 - Implemented robust and secure algorithms to embed watermarks within digital images, ensuring integrity and authenticity.

TECHNICAL SKILLS

Languages: C, C++, Java, Python

Front-end: HTML, CSS, JavaScript, ReactJS

Back-end: Express, NodeJS, RESTApi , MongoDB

Coding Profile: solved 600+ problems in total from Codeforces, Leetcode, GFG, HackerRank, coding ninjas

Database Management: MySQL, MongoDB

Coursework: OOPs, DSA , Computer Networks, Graph Theory, OS, DBMS , Software Engineering

Tools: Git , GitHub, FireBase MySQL, VSCode, Eclipse IDE

POSITIONS OF RESPONSIBILITY

- Event Management at Abbacus NIT Silchar** : Organized events, for technical events at Abbacus NIT Silchar.
- Rexian NIT Silchar** : Handled the overall management at the 11th alumni meet REXIN, NIT SILCHAR

ACHIEVEMENTS

- First Honorable Mention in MUN 2021
- Secured a JEE Mains percentile of 99.27
- Runner-up at CSS Hackathon 2022
- Zomato feeding India