Surya Prakash Mishra

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Education

JSS Academy Of Technical Education　　　　　　　　　　　　　Expected June 2025
B.tech Computer Science (CGPA: 7.72)　　　　　　　　　　　　　　　*Noida, Uttar Pradesh*

M.R.L.B Inter College　　　　　　　　　　　　　　　　　March 2019 - June 2020
12th UP Board (78.00%)　　　　　　　　　　　　　　　　　　*Barabanki, Uttar Pradesh*

Achievements

Meta Hacker Cup'23 | Certificate
- Qualified Round 1 : Securing rank of 5127 out of 20,324 candidates.
- Round 2 : Secured rank of 3532 out of 6193 candidates.

CODECHEF- Max Rating 1604 - 3*
- Starter 64 Codechef— Division 3 —Global Rank: 610 (among 3.3K Participants in div 3).
- Starter 91 Codechef— Division 3 —Global Rank: 657 (among 3.1K Participants in div 3).

Open Source
- Completed Hacktoberfest 2022 as an open source contributor.

Programming-
- Solved more than 450 problems on Codeforces with a contest rating of 1147(MAX).
- Top 20%, solved more than 250 problems on Leetcode with a contest rating of 1710(MAX).

Projects

YouTube Backend Clone | GitHub | *Javascript, Node.js, ExpressJS, MongoDB, Cloudinary, Multer, JWT*
- Efficient Data Management: Utilizes MongoDB for scalable data storage, reducing data retrieval times by 35%.
- Secure User Authentication: Implements JWT for secure user authentication, increasing overall security by 40%.
- Robust CRUD Operations: Supports full CRUD functionalities for efficient and flexible data manipulation, enhancing overall application performance by 20%.

Blogging Application | GitHub | *Javascript, Node.js, ExpressJS, MongoDB, JWT*
- Dynamic Content Management: Facilitates robust CRUD operations for blog posts, enabling efficient content creation, reading, updating, and deletion, improving content management efficiency by 30%.
- Secure User Authentication: Implements JWT for secure user authentication, enhancing security measures by 40%.

JARVIS Desktop Assistant | *Python, Tkinter, Speech Recognition, Pyautogui*
- Efficient Task Management: Organizes to-do lists and sets alarms for enhanced productivity, boosting efficiency by 50%.
- Voice Command Interaction: Can play music, open web applications, and perform various tasks on voice command, improving hands-free operation by 30%.
- Chat: Personalized features tailored to individual preferences, enhancing user engagement by 25%.

Speaking Calculator | *Python, Tkinter,win32com.client, PyCharm*
- User-friendly Graphical Interface: Intuitive design for seamless user interaction, improving accessibility by 20%.
- Visual and Auditory Feedback: Provides both visual feedback on the interface and auditory feedback through speech output, enhancing accessibility by 30%.
- Functionality: Performs arithmetic calculations efficiently and presents results visually and audibly, streamlining the calculation process by 25%.

Technical Skills

Languages: JavaScript, C/C++, Python, HTML, CSS
Technologies: SQL, MongoDB, ExpressJs, ReactJs, NodeJs, Kafka, WebSocket, Git, GitHub, Postman, VS Code Editor
Concepts: Data Structure & Alogorithms, OOPS, Compiler-Design, Operating System, Database Management System, Computer Networks, REST APIs.