Sompa Bhui

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EDUCATION

Vellore Institute of Technology, Bhopal   Ongoing
Bachelor of Technology in Computer Science and Engineering   *Aug 2022 – May 2026*

Karim City College, Jamshedpur   81
Class XII   *Aug 2019 – May 2021*

Manusmuria High School, Manusmuria   92.8
Class X   *Aug 2017 – May 2019*

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS, SQL, NoSQL, PHP
Developer Tools: Linux(Bash), GitHub, AWS, Google Cloud Platform(GCP)
Technologies/Frameworks: OOPs, React.js, Next.js, Node.js, Express.js, MongoDB
DSA: Arrays, Strings, Linked List, Trees, Graph, Greedy, DP, Backtracking

PROJECTS

Organ Donation Website | *HTML,CSS, PHP, MySQL*   April 2025 – Present
- Developed an organ donation website to streamline the donation process and enhance healthcare support.
- Created a user-friendly form to collect vital medical information for organ donation eligibility.
- Implemented a matching algorithm to pair donors and recipients based on medical compatibility.
- Automated certificate generation to streamline the documentation process for registered donors.

Image Steganographyll | *Java, Java OOPs, Java Swings, DSA, Steganography*   July 2024 – Dec 2024
- Developed a Java-based image steganography application utilizing Swing UI and advanced data structures and algorithm.
- Applied LSB steganography to securely encode and decode text messages within image files.
- Ensured covert communication by embedding messages in image pixels while preserving image integrity.
- Optimized encoding and decoding processes for efficient and reliable message retrieval without quality loss.

YT-Study-Buddy | *MERN Stack, Chrome Extensions*   Feb 2024 – June 2024
- Developed a full-stack web app using the MERN stack for user data management and real-time interactions.
- Built a Chrome extension using Vite, Vanilla JS, and crxjs library to enhance functionality and user experience.
- Enabled synchronized note-taking with YouTube videos, automatically syncing across the extension and web app.
- Ensured seamless cross-platform access, allowing users to manage notes both in the web app and on YouTube.

EXPERIENCE

Software Development Intern at Bluestock (Remote)   March 2025 - Present
- Developed a web application and REST API to provide public access to comprehensive IPO data.
- Displayed key details including company logo, price band, issue size, listing date, IPO price, listing gain, current market price, and current return.
- Demonstrated expertise in full-stack development and RESTful API design.

ACHIEVEMENTS AND EXTRACURRICULAR

Google Cloud Arcade Facilitator   July 2025 – Present
- Nominated as Arcade Facilitator for Google Cloud Arcade Program 2024, assist around 700+ students over the world by spreading awareness about program, conducting weekly hands-on and doubt sessions.

Open Source Contributor   Oct 2024 – Oct 2024
- Contributed to Hacktoberfest 2024 submitting 4+ pull requests, which improved code quality and resolved 10+ issues.

Core Member of IEEE Student Chapter, VIT BHOPAL   Sep 2023 – Present

CERTIFICATION

JPMorgan Software Engineering Job Simulation | *Forage*   July 2024