BISHNU PRASAD MAHARANA

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OBJECTIVE

- Passionate and driven freshman with strong knowledge in Java, MySQL, JavaScript, web technologies, and Python. Familiar with theoretical concepts of cybersecurity, data visualization, and deep learning. Exhibits excellent problem-solving, leadership, and collaboration skills; dedicated to continuous learning and contributing to organizational success.

SKILLS

- **Technical Skills** – Proficient in programming languages such as Java, JavaScript, Python, and DSA. Skilled in Database Management Systems (DBMS), including data management and SQL. Familiar with SAP GUI and basic knowledge of SAP ABAP. Theoretical understanding of cybersecurity concepts including cloud security, threat and vulnerability management, risk assessment, and Identity and Access Management (IAM).
- **Technical Tools** - MySQL , Oracle, SAP GUI , Python, TensorFlow, Google Colab.
- **Soft skills** - Teamwork, communication, skilled problem-solving, leadership and time management.

EDUCATION

- **NIST University, Berhampur** – Bachelor of Technology (CSE), 2021–2025

- **Binayak Acharya Junior College, Berhampur** – Intermediate, 2020

- **St. Xavier High School, Berhampur** – Matriculation, 2018

CERTIFICATIONS

- SAP Certified Associate - Back-End Developer - ABAP Cloud. |Certification link

- Google Cybersecurity Professional Certificate, Google Career Certificates. |Certification link

- Cisco Network Academy: Introduction to Cybersecurity Course. |Certification link

- Forage: Cybersecurity Analyst job simulation. |Certification link

PROJECTS

- **Brain Tumor Classification using Deep Learning**: Designed a Deep Learning project using CNN for depicting the type of brain tumor based on the MRI scans and encrypting the results and the provided scans for improved security in real time uses with more than 60-80% accuracy based on the quality of scans.
- **Image Encryption and Decryption using Triple DES:** Developed a secure image encryption/decryption system using Triple DES under the guidance of Exposys Data Labs, enhancing image confidentiality for applications in healthcare, finance, and defense.

ACHIEVEMENTS

- **Exposys Data Lab (Feb 2024 – Mar 2024):** Applied cybersecurity principles to real-world scenarios and implemented effective security strategies to improve overall project performance and integrity.
- **IREL (Indian Rare Earths Limited) (Jul 2023 – Aug 2023):** worked on analyzing the company's database system, learned to identify system inefficiencies, and gained hands-on experience in providing real world solutions for system improvement.