Probodh Sahoo

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SKILLS

- **Languages**: C++, Python, C, java, SQL, R Programming, Kotlin, HTML, CSS
- **Frameworks**: Linux, Git hub, Git, NumPy, Apache Hadoop, Pandas
- **Tools/Platforms**: R Studio, Cisco Packet Tracer, Tableau, Tableau Prep, MS-Excel
- **Soft Skills**: Problem-Solver, Critical Thinker, Team Player

PROJECTS

Speech to Text Application | Kotlin — Jan 2025 - Feb 2025
- It transcribes voice conversations, extracts action items, and converts them into structured tasks, calendar events, and meeting notes.
- integrate speech recognition, NLP-based task extraction, and real-time data processing in an Android application.
- It enhances productivity for professionals by automating meeting documentation, reducing manual note-taking efforts.

Object Detection (Car Counter) | Python — Nov 2024 - Jan 2025
- Used object detection using computer vision which involved identifying and locating objects within images or video frames.
- The model outputs a list of bounding boxes and confidence scores for detected objects.
- Used pretrained YOLO with GPU for better performance. Used yolo(v7) for object detection and image classification. Used OpenCV to capture video frames.

Movie Ticket Booking System | C++, SQL, OOP's — Jan 2024 – June 2024
- Developed a Movie Ticket Booking System using C++ and SQL that shows the list of available tickets.
- Implemented the concepts of oops(classes) and various flow statements for targeting the seat number to be booked.
- Used SQL to store the data of booked tickets, it shows the available seats with a dash and the booked seats with a cross.

Covid-19 in India dashboard — Sept 2023 – Jan 2024
- The project utilizes data visualization techniques to analyze COVID-19 trends in India, leveraging tools such as dashboards, charts, and graphical representations.
- I created a insightful dashboard that helps in understanding the impact of COVID-19 across various regions.
- It provides a clear and data-driven way to track pandemic trends, aiding researchers, policymakers, and the general public in making informed decisions.

CERTIFICATES

- Cloud Computing – Swayam NPTEL — Aug 2024 – Dec 2024
- Complete Interview Preparation - Self-Paced (C++) GFG. — May 2024 – Aug 2024
- Google IT Automation - Coursera — May 2024 – Aug 2024
- Data Structure and Algorithm - Udemy — Jan 2024 – Mar 2024

ACHIEVEMENTS

- **Claimed 8th rank in Technocean Hackathon:** — Jan 2024
  Among 36 teams I got 8th rank.
- **Leetcode and GFG:** — Ongoing
  Solved 200+ question in both platforms
- **Awarded with Elite silver badge** — Dec 2024
  Awarded with this badge for scoring above 80% in NPTEL exam

EDUCATION

- **Lovely Professional University** — Punjab, India
  *Bachelor of Technology - Computer Science and Engineering; **CGPA: 8.18*** — *Since September 2023*
- **Delhi Public School** — Rourkela, Odisha
  *Intermediate; **Percentage: 80.08%*** — *April 2019 - March 2021*
- **Delhi Public School** — Rourkela, Odisha
  *Matriculation; **Percentage: 92.33%*** — *April 2018 - March 2019*