Harish Prasad Semwal

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🌐 Coding Profiles
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EDUCATION

- **Bachelor of Technology in Computer Science and Engineering** *2021-25*
  Graphic Era Hill University, Dehradun Score: 8.59/10

- **Intermediate** *2019-20*
  Uttarakhand Board of School Education Percentage: 72/100

PERSONAL PROJECTS

- **Stock Price Movement Prediction** [Link]

  Explore the future of stock price movement with our predictive solution.

  - Built an end-to-end machine learning project in Python for stock market price prediction.
  - Applied advanced neural network techniques using TensorFlow and Keras layers
  - Conducted data prepossessing to optimize the performance of the machine learning model.
  - **Technology Used:** Python, Keras.models, YFinance, Streamlit, Machine Learning.

- **Real-Estate Website** [Link]

  Develop a comprehensive web application tailored for the real estate industry

  - Developed a responsive user interface showcasing strong front-end Development skills.
  - Applied responsive design principles, ensuring seamless adaptability across various devices.
  - Conducted thorough testing for a bug-free, polished final product.
  - **Technology Used:** HTML , CSS , JavaScript , ReactJS

- **Bank Management System** [Link]

  A comprehensive GUI application specifically designed for Automated Teller Machine.

  - Managed diverse banking operations, enhancing user experience and efficiency.
  - Proficient in Java, contributed to reliable and functional banking features.
  - Implemented key features related to account management, transactions, and user interactions.
  - **Technology Used:** Core Java, AWT With Swing, Net-Beans.

- **Loan Approval Prediction** [Link]

  Built and implemented a predictive loan approval model using Python and machine learning libraries.

  - Conducted thorough data prepossessing, including feature engineering and handling missing values.
  - Optimized model performance through rigorous evaluation, cross-validation, and parameter tuning.
  - Successfully deployed the model as a real-time Streamlit application.
  - **Technology Used:** Machine Learning, Pandas, Matplotlib, Seaborn, KNeighbors, Random Forest, SVM, Logistics Regression

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++,Java, JavaScript, HTML+CSS
Libraries : C++ STL, ReactJS
Web Development Tools: NodeJS, VScode, Git, GitHub ,GitHub Co-Pilot
Operating Systems: Windows, Linux
Cloud/Databases:MongoDB, Relational Database(MySQL)
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Cloud Computing.
Areas of Interest: Web Design and Development, Machine Learning , DevOps.

RESEARCH WORK

- **Website Design and Development Using Advance Technology React-JS** [Paper Link] *February 2024*

  - Presented Research Paper on Website Design and Development Using Advance Technology React-JS Published in 2023 3rd International Conference on Advancement in Electronics & Communication Engineering (AECE)
  - Paper published by IEEE on 15 February 2024.