Suhail Shakeel

Linkedin: https://www.linkedin.com/in/suhail-shakeel-38a6502/   **Email:** salroosahil2875@gmail.com

Github: https://github.com/suhailshakeel   **Mobile:** +91-6006731382

Credly: https://www.credly.com/users/suhail-shakeel.d4a32275

SKILLS

- **Languages**:   C++, R, Python, C
- **Frameworks**:   TensorFlow, Django, Pandas, PyTorch, Keras, Scikit-learn, Figma
- **Tools/Platforms**:   RapidMiner, MySQL, IBM Cognos
- **Soft Skills**:   Problem-Solving , Self-Management, Project Management, Adaptability
- **Hobby**:   Competitive Programming, Football, Cooking, UI Designing

INTERNSHIP

- **Data Science – ABQ DATA LOGIC**   Duration 6 Months
  AI ML Intern
  - Conducted **data collection and cleaning** to prepare datasets for analysis, ensuring accuracy and consistency.
  - Performed **exploratory data analysis (EDA)** on viewership data of TV service providers (e.g., Tata Sky, Airtel) across multiple Indian states.Developed and fine-tuned predictive models using supervised and unsupervised learning methods.
  - Analyzed customer preferences and viewing habits across various TV shows, channels, and service providersEvaluated model performance using metrics like accuracy, precision, recall, and F1 score.
  - Delivered actionable insights to support data-driven decision-making in the **DAS AUDIT Project**.

  Tech stacks used: Python, Pandas, NumPy, Matplotlib, Seaborn, Excel

PROJECTS

- **Smart Mobility Cane for Visually Impaired Persons (patent)**
  - Designed a **smart cane** with features like real-time object detection, GPS navigation, and voice assistance to aid visually impaired users.
  - Integrated a **fingerprint sensor** for secure control, offering multiple interaction modes for seamless usability.
  - Enabled **real-time location broadcasting** within a ~100m range for enhanced user safety.

  Tech: Raspberry Pi Zero W, Python, Object Detection Models, GPS Module, Bluetooth Integration.

- **GRACE (Gesture Recognition For Automated Control of Embedded Systems) (patent)**
  - Gesture-controlled technology enables touchless device interaction, improving hygiene and accessibility.
  - The RC car prototype showcases real-time gesture recognition with tank-turn maneuverability.
  - The system uses Raspberry Pi and various sensors to enhance user experience with intuitive controls.

  Tech: Raspberry Pi Zero 2 W, BO DC Motors, LM2596S DC-DC Buck Converter, Motor Controllers, Gesture Recognition Sensors,

- **Home Stay Kashmir**
  - HomestayKashmir.com is a platform connecting tourists with luxurious homestays in the Kashmir region.
  - The website uses React, Node.js, TypeScript, Java, and Figma for design to provide an interactive and seamless user experience.
  - You can explore a variety of homestay options and book directly through homestaykashmir.com.

  Tech: React, Node.js, TypeScript, Java, Figma, MongoDB.

CERTIFICATES

- Foundations: Data, Data, Everywhere by google(Coursera)
- Python Basics for Data Science (Edx)
- Data Fundamentals (IBM)
- Process Mining – Business Analyst (IBM)

EDUCATION

- **Lovely Professional University**   Punjab, India
  Master of Computer Application   *Since August 2023*

- **Lovely Professional University**   Punjab, India
  Bachelor of Computer Application   *June 2020 - July 2023*

- BHSS. School   Shopian, Kashmir
  Higher Secondary   *January 2019 - January 2020*