# DINESH KUMAR S

An aspiring data scientist seeking opportunities in organizations fostering technical and personal growth. Passionate about leveraging data to drive insights and innovation. Dedicated to advancing skills in machine learning, analytics, and data visualization.

+91 7708765012    https://github.com/dineshkumar8727    DINESH KUMAR S | LinkedIn    dineshsuresh2903@gmail.com

## EDUCATION

- **INTEGRATED MTECH IN CSE –DATA SCIENCE (2025)**
  Vellore Institute of Technology
  **CGPA: 7.56**

- **HGHER SECONDARY EDUCATION**
  SunbeamCBSE School, (2020)

- **SENIOR SECONDARY EDUCATION**
  SunbeamCBSEschool, (2018)

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## SKILLS

- **DATA VISUALIZATION**
  - Microsoft Power BI,
  - Tableau,
  - EDA
- **CLOUD COMPUTING**
  - Microsoft Azure
- **MS OFFICE TOOLS**
  - Excel,
  - Powerpoint
- **MACHINE LEARNING**
  - Data engineering,
  - EDA

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## PROGRAMMING LANGUAGES

- Python
- Java
- Sql
- C
- C++

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## LANGUAGES

- English
- Tamil

## PROJECTS

- **PDF TO TEXT CONVERTER**
  - Implemented PDF to text conversion using OCR technology with pytesseract and pdf2image libraries
  - Stored the extracted text data in a database for efficient retrieval and management, facilitating further analysis and processing tasks.

    **Technical Stack :** Python, SQL , OCR package

- **CERTIFICATE VERIFICATION SYSTEM**
  - The application enables secure addition of certificates to the blockchain with individual hash codes for integrity and immutability.
  - Application provides certificate verification by comparing blockchain–stored hash codes, ensuring authenticity & thwarting tampering

    **Technical Stack :** Blockchain, Metamask

- **FATIGUE DETECTION SYSTEM**
  - The system is built to alert the user from drowsiness with alarm.
  - The model is built using transfer learning techniques with the accuracy of 96.4%.

    **Technical Stack :** CNN, Transfer learning, Computer vision

- **SMART GARBAGE MONITORING SYSTEM USING ARDUINO**
  - Develops a real-time smart garbage monitoring system with SMS alerts for prompt municipal action, improving area cleanliness.
  - Implements blockchain technology for IoT data privacy and security, storing sensor data in tamper–proof blocks

    **Technical Stack :** Smart Garbage Monitoring, Arduino, UV Sensor, Blynk server.,

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## INTERNSHIPS

- **FACTENTRY DATA SOLUTION PRIVATE LIMITED ( MAY 2023 - JUNE 2023 )**
  Web Scraper and pdf-to-text converter

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## CERTIFICATIONS

- **AZURE AI FUNDAMENTALS**
  Microsoft Azure
- **SMARTINTERNZ**
  Applied Data Science

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## SOFTSKILLS

- Coordinated 3+ members in a team and effectively communicated the project ideas and ensured the completion of the project in a given time.
- I am highly adaptable, thriving in dynamic environments where I can quickly
- I excel in leadership roles, guiding teams to success by delegating tasks effectively