J NITISH DURAI

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PROFESSIONAL SUMMARY

Aspiring Data Engineer specializing in data-driven systems and AI applications. Strong foundation in Python, MySQL, and machine learning pipelines with hands-on experience in building scalable data solutions and intelligent systems. Demonstrates analytical thinking, leadership, and rapid prototyping skills.

TECHNICAL SKILLS

Languages: Python, Java, MySQL

Databases: MySQL

Data & ML: Pandas, NumPy, Matplotlib, scikit-learn

Tools & Platforms: Git, GitHub, VS Code, AWS

INTERNSHIP EXPERIENCE

Data Science Intern – SkillCraft Technology (Jul 2025)

• Built demographic visualizations using Pandas and Matplotlib to analyze age and gender distributions.

• Implemented K-Means clustering for customer segmentation using retail purchase datasets.

• Developed an SVM-based image classification model (cats vs. dogs).

• Designed a real-time hand gesture recognition system using OpenCV and deep learning techniques.

PROJECTS

PhoneSense – Smartphone Recommendation System

• Designed a mobile-first web application that translates complex smartphone specifications into guided, personalized recommendations.

• Implemented intelligent filtering logic aligned with Indian e-commerce datasets.

Insider Navs – Smart Indoor Navigation System (Ongoing)

• Architecting a custom graph database integrated with OSM data and a routing engine.

• Building an offline-optimized data layer for fast indoor information retrieval.

Personal Portfolio Website

• Developed a fully responsive portfolio using HTML, CSS, and JavaScript showcasing projects and certifications.

EDUCATION

B.Tech in Computer Science Engineering (Data Science)

Presidency University (2023–2027) | CGPA: 8.01

PUC – Science (PCMIP), CBSE

Sri Chaitanya E-Techno School | 85%

SSLC – IGCSE Board

Sri Vani Education Centre | 70%

CERTIFICATIONS

• Internship Certificate – SkillCraft Technology (2025)

• Data Programming – Sololearn (2025)

• Python Developer – Sololearn (2025)

ACHIEVEMENTS

• Selected Top 70 among 470+ projects at Innovative Projects EXPO.

• Winner – Personality Contest, Solo Dance, Debate Competition.

References available upon request.