

# NANDAN S

Data Analytics | Cyber Security

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## **SUMMARY:**

"I am seeking employment with a company where I can grow professionally and personally, and I want to excel in that field with hard work, perseverance and dedication"

## **SKILLS:**

Basics of computer: MS Word, MS PowerPoint, MS Excel etc.

Programming Language: Python

Problem-Solving and Analytical Skills

Communication

## **PROFESSIONAL EXPERIENCE:**

### **ADVI Group of Companies**

Bengaluru, Karnataka | AI/ML Researcher

#### **Project 1: Environmental Adaptation in Software-Driven Vehicles using AI/ML**

- Developed AI/ML models to predict optimal vehicle speed and braking distance.
- Designed and implemented data-driven environmental adaptation strategies.
- Improved vehicle performance and safety using predictive analytics.

#### **Project 2: DU-GAN – Generative Adversarial Networks for Low-Dose CT**

##### **Denoising(implementing)**

- Problem: Low-Dose CT (LDCT) images suffer from noise.
- Solution: DU-GAN (Dual U-Net GAN) for improved image quality
- Goal: Train a GAN Model to denoise LDCT images effectively.

## **EDUCATION:**

### **BCA /KLE Society's Degree College, Nagarbhavi, Bangalore**

Pursuing... With current average of 7.0 CGPA.

### **PUC /RPA First Grade PU College, Rajajinagar, Bangalore**

Secured 65% in PUC Pre- university

### **SSLC/M.E.S English School**

Secured 80.76% in SSLC Karnataka Secondary Education Examination Board

**LANGUAGES:** English Kannada Hindi

**CERTIFICATIONS:** Cybersecurity Certification – Microsoft, Data Analytics with Python,

**INTERESTS:** Video Games, Video editing and Photo editing.