

DHARSAN S

Software Developer

Coimbatore, India

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Software Developer with expertise in Python, specializing in high-performance applications. Skilled in writing efficient, testable code and ensuring design compliance. Passionate about continuous improvement and adopting new technologies

EDUCATION

KGISL Institute of Technology 2021 - Present *B.Tech. Artificial Intelligence and Data Science (CGPA: 7.5*)*
Coimbatore, India

Nadar Hr Sec School 2019 – 2021 *Class XII – PCM + Computer Science (Percentage: 83%)* Rajapalayam, India

TECHNICAL SKILLS

Languages: Python, SQL (MySQL), HTML/CSS, JavaScript

Libraries/Frameworks: ReactJs, Django

Developer Tools: Git, GitHub

PROJECTS

Web-Based Online Voting System

Tech Stack: Python (Django), React, Blockchain

- Built a secure online voting platform with role-based access control, enabling voter, admin, and candidate-specific functionality. Integrated blockchain to ensure tamper-proof vote storage and transparency throughout the election process.

Deepfake AI Website

Tech Stack: Python, TensorFlow OpenCV, Flask, React

- Designed a user-friendly frontend using React, allowing users to upload and generate deepfake videos. Implemented Flask as the backend to handle model inference and API requests efficiently. Ensured ethical AI usage by integrating watermarking and detection mechanisms for responsible AI deployment.

EXPERIENCE

Data Analyst Intern May 2024 *Cognifyz Technologies*

- Analyzed large datasets to extract meaningful insights, improving data-driven decision-making.
- Developed dashboards and visualizations using Power BI to track key performance metrics.
- Optimized SQL queries for efficient data retrieval, reducing processing time by 30%.

Data Analyst Intern July 2023 *PanTech Solution*

- Utilized Python for data cleaning, preprocessing, and analysis to extract meaningful insights.
- Developed interactive visualizations using Power BI to track key performance metrics.
- Optimized data pipelines and automated reporting, reducing manual effort by 40%

CERTIFICATIONS

- **Introduction to Programming** (Coursera)
- **Python CS50 Certificate** (Harvard University)
- **Git and Github** (Coursera)

PARTICIPATIONS

- Participated in 36 hour Open-Source hackathon and won third prize.
- Also participated in various hackathons across India.

LANGUAGES KNOWN

English (Fluent), **Tamil** (Native)