

# SANTHOSH GOVERTHANAN

+91 9344397037 | govakalaisanthosh@gmail.com | linkedin.com/in/santhoshgoverthanan  
Tiruvannamalai, Tamilnadu

## MACHINE LEARNING INTERN

AI & ML Enthusiast with hands-on experience in Python, TensorFlow, and data-driven projects. Skilled in model building, deployment, and analytics using real-world datasets. Passionate about delivering impactful, AI-powered solutions.

## EDUCATION

Dhanalakshmi Srinivasan College of Engineering, Coimbatore, Tamil Nadu

B.Tech in Artificial Intelligence and Data Science

2021 – 2025 | CGPA: 8.4/10

## SKILLS

- Programming Languages: Python(Proficient), Java(Basics), SQL(Proficient), LaTeX(Basics)
- Data Science & ML Techniques: Neural Networks, NLP, Data Preprocessing, Data Visualization
- Data Visualization & Analytics: Tableau, Power BI, D3.js, Matplotlib, Seaborn
- Cloud & Deployment Tools: AWS, Microsoft Azure
- Web Technologies: UI & UX Designing
- Machine Learning & AI Tools: TensorFlow, Keras, scikit-learn, Pandas, NumPy, OpenCV
- Database Management: Oracle, MySQL, MongoDB, SQLite3
- Version Control: Git (branching, merging, conflict resolution), GitHub (PR workflows, repo management, GitHub Actions)
- Frontend: HTML, CSS, JavaScript(Basics)
- Languages: English(Proficient), Tamil(Native)

## INTERNSHIP EXPERIENCE

### VCODEZ | HYBRID

#### Machine Learning Intern

Feb 2025 – Apr 2025

- Engineered and optimized machine learning models for predictive analytics, boosting efficiency by 20%.
- Implemented and fine-tuned algorithms like linear regression, decision trees, and neural networks, achieving 90% accuracy.
- Handled data preprocessing, feature engineering, and model deployment in collaboration with agile teams on AWS and Azure.

### COREGENIC SOLN | ON-SITE

#### Python Developer Intern

Feb 2024 – Jul 2024

- Established robust proficiency in Python programming, mastering DS, OOP principles, and file I/O operations to build scalable and maintainable codebases.
- Developed and optimized over 20 scripts for complex data processing tasks, implementing fundamental algorithms that improved execution speed by 30% in real-world applications.

### TECHVOLT SOFTWARE LTD | ON-SITE

#### Data Science Intern

Jul 2023 - Jul 2023

- Completed rigorous internship training in 'AI with Industrial 4.0', mastering machine learning, neural networks, data analytics, and automation. Equipped to innovate and optimize industrial processes using cutting-edge AI technologies and increased accuracy of data by 20%.
- Incorporated scripts using Python and PowerShell to aggregate XML test results into an organized format and to load the latest build code onto the hardware, so that daily testing can be performed.

## PROJECTS

- Medico – AI-Powered Smart Healthcare Platform - Node.js, MongoDB, Zephyr-7B, TensorFlow, Django
- Healthcare Analytics Dashboard - Power BI, SQL, Python, Tableau
- E-Commerce Analytics Tool - Python, SpaCy, Scikit-learn, Django
- Attendance System Using Face Recognition - TensorFlow, OpenCV, React.js
- Cancer Disease Prediction Model - Python, TensorFlow, Scikit-learn, Django
- E-Commerce Product Recommendation Engine - Python, Pandas, Cosine Similarity, Django

## CERTIFICATIONS

- Core-Python Certification - Coregnic Software IT Solutions
- Microsoft Azure AI Certification - ICT Academy
- Data Visualization Developer – freeCodeCamp
- Artificial Intelligence with IoT – AICRA
- Journey to Cloud: Envisioning Your Solution – IBM
- Build Your Own Chatbot – Microsoft Azure
- Introduction to AI, Data Science Foundations – Great Learning
- Data Tableau - Jobaaj Learning