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SUMMARY

A highly motivated Electrical & Electronics Engineering graduate with a detail-oriented engineering graduate with strong backend development skills using Python. Proficient in building full stack applications with HTML, CSS, JavaScript (basic), and Python frameworks like Flask or Streamlit. Experienced in developing RESTful APIs, handling data processing, and integrating frontend interfaces. Passionate about building scalable, clean, and efficient web applications. Seeking a Python Full Stack Developer role to contribute to robust backend systems and user-driven solutions.

EDUCATION

SRI SAIRAM ENGINEERING COLLEGE 05/2024
BE-EEE
GPA:8.40

TI MATRICULATION HIGHER SECONDARY SCHOOL 01/2020
HSC
PERCENTAGE:70%

TI MATRICULATION HIGHER SECONDARY SCHOOL 05/2018
SSLC
PERCENTAGE:83.6%

EXPERIENCE

GRADUATE ENGINEER TRAINEE-PLC & SCADA ENGINEER

AUTOSYS CONTROL SYSTEM INDIA PVT LTD[01/11/2024]- [01/03/2025]

- Worked on PLC and SCADA-based automation projects for Water Treatment Plant industries, Chemical Industries.
- Hands-on experience with software tools like FT OPTIX, FT View, Studio 5000, and Connected Components Workbench(CCW).
- Conducted testing, troubleshooting, and commissioning of automation systems on-site.

DATA SCIENCE INTERN

SYSTEMTRON[07/03/2025] - [04/04/2025]

- Assisted in data preprocessing, cleaning, and analysis using Python libraries like Pandas and NumPy
- Built simple machine learning models for pattern recognition and prediction tasks
- Visualized insights using Streamlit and Matplotlib to support decision-making

ONSITE SUPPORT-ENGINEER

FOXCONN INDIA PVT LTD | [16/04/2025] - [01/06/2025]

- Provided technical support for hardware and software issues on production floor systems
- Assisted in troubleshooting and maintenance of network-connected devices and workstations
- Monitored system performance and reported issues for quick resolution
- Ensured compliance with company IT policies and safety protocols during operations

PROJECTS

Movie Rating Prediction Web App

- Built a machine learning model to predict movie ratings based on user data and Recommended similar movies using genre, director, and actor metadata. Deployed an interactive frontend using Streamlit and backend analysis with Python. Tools: Python, Pandas, Scikit-learn, Streamlit, Jupyter, PyCharm.

Titanic Survival Prediction (Kaggle Dataset)

- Performed data cleaning and EDA to uncover survival trends, patterns and explored feature relationships and prepared data for modeling. Tools: Python, Pandas, Seaborn, Matplotlib.

Bank Term Prediction (Decision Tree Classifier)

- Developed a classification model to predict customer purchase behavior and used UCI Bank Marketing dataset to analyze demographic, behavioral features and Visualized patterns and customer segmentation using Streamlit. Tools: Python, NumPy, Pandas, Streamlit, Scikit-learn.

Iris Flower Classification

- Built a machine learning model to classify iris flowers into species based on petal/sepal dimensions and applied supervised learning techniques and deployed as a web application. Tools: Python, Pandas, Streamlit, Scikit-learn

SKILLS

- **Programming Languages:** C, Python, Java, HTML, CSS, JavaScript, SQL
- **Web Development:** Streamlit, Flask (basic), React (basic), Node (basic), DOM Manipulation
- **Data Science:** Pandas, NumPy, Scikit-learn, Seaborn, Jupyter Notebook
- **Tools & Platforms:** Git, PyCharm, VS Code, Jupyter, Anaconda
- **Database:** MySQL (basic), SQLite (basic)
- **Other:** Data Cleaning, EDA, REST API (basic), Responsive Design, Deployment (Streamlit Share)

CERTIFICATION

- CISCO- Networking Basics
- Microsoft Machine Learning Challenge
- CISCO- Introduction to IOT
- Post Graduate Diploma Course In PLC & SCADA AUTOMATION

ACHIEVEMENTS

- Participated IEEE ICPECTS Conference
- Bootcamp of Python Data Science
- Participated in Nirali Thiruvizha 1.0
- Published conference paper in ICCEBS Conference

LANGUAGES

- **TAMIL**
- **ENGLISH**
- **TELUGU**(BEGINNER)

SOFT SKILLS

- Problem-Solving
- Team Collaboration
- Critical Thinking
- Communication Skills
- Adaptability
- Time Management
- Self-Learning & Initiative
- Analytical Thinking

DECLARATION

I hereby declare that the information furnished above is true to the best of my Knowledge.

10/07/2025
CHENNAI

Nirakeshwaran N