



# SUTHA S

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 Tirunelveli

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## OBJECTIVE

Final-year Computer Science and Business Systems student with hands-on experience in Python, data visualization, and machine learning. Built and deployed 5+ real-world projects and completed 3 internships. Seeking to contribute data-driven insights in entry-level roles focused on analytics, AI, and software development.

## EDUCATION

<b>Francis Xavier Engineering College, Tirunelveli</b> Bachelor of Technology in Computer Science and Business System CGPA : 8.65	<b>(2022 - 2026)</b>
<b>Government Higher Secondary School</b> Higher Secondary Education : 78.3 %	<b>(2021 - 2022)</b>
<b>Reach Matric Higher Secondary School</b> SSLC : 75.2 %	<b>(2019 - 2020)</b>

## WORK EXPERIENCE

<b>NoviTech R&amp;D Private Limited</b> <b>Machine Learning Internship (online)</b> <ul style="list-style-type: none"><li>Developed 5+ ML models for prediction and classification (accuracy 85%+).</li><li>Cleaned and prepared raw data (500+ entries) using pandas and NumPy.</li><li>Used reinforcement learning for experimental use-case exploration.</li></ul>	<b>DECEMBER 2024 – FEBRUARY 2025</b>
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## PROJECTS

<b>Drowsiness Detection System</b> <ul style="list-style-type: none"><li>Engineered a real-time drowsiness detection tool using OpenCV and facial landmarks.</li><li>Triggered alerts using Eye Aspect Ratio (EAR) to improve driver safety.</li><li>Integrated webcam-based feedback for live monitoring.</li></ul>
<b>Face Mask Detection</b> <ul style="list-style-type: none"><li>Trained model with 5,000+ labeled images using MobileNetV2.</li><li>Deployed real-time mask detection via webcam stream.</li><li>Achieved &gt;92% test accuracy with TensorFlow.</li></ul>

## SKILLS

<b>Technical Areas :</b> Machine Learning and Data Analysis	<b>Languages :</b> Basic Python and C
<b>FrameWorks :</b> Pandas, Numpy, Matplotlib	<b>Soft Skills :</b> Project Planning, Collaboration
<b>Tools :</b> Power Point, Microsoft Excel, Tableau, Power BI	<b>Platform :</b> Google Colab, Visual Studio Code

## CERTIFICATIONS

<b>Data Analytics – Deloitte &amp; Forage</b> <ul style="list-style-type: none"><li>Completed Deloitte’s Data Analytics Job Simulation via Forage (June 2025).</li><li>Gained hands-on experience in data analysis and forensic technology through real-world case studies.</li><li>Strengthened analytical and problem-solving skills with tasks issued by Deloitte professionals.</li></ul>
<b>Python Programming – LinkedIn Learning</b> <ul style="list-style-type: none"><li>Completed “<b>Learning Python</b>” via LinkedIn Learning (Apr 2025)</li><li>Gained core skills in Python syntax, data types, functions, and control flow for practical coding tasks</li></ul>

## LANGUAGES KNOWN

- Tamil
- English