

SUBHALAKSHMI A

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SUMMARY

As a B.Tech graduate specializing in Artificial Intelligence and Data Science, I am eager to apply my knowledge and gain real-time experience in the field. I am passionate about contributing to a company's growth and helping it achieve a stronger position in the industry. With an adaptive mindset and a quick learning ability, I am always keen to explore new technologies and enhance my skills. My enthusiasm for innovation and continuous learning drives me to make meaningful contributions while supporting the organization's objectives

EDUCATION

B.Tech, Artificial Intelligence and Data Science

Saranathan College of Engineering • Tiruchirappalli • 2025 • 8.6(Current)

Senior Secondary

SFS Matriculation higher secondary school • Pudukkottai • 2021 • 91%

Secondary

SFS matriculation higher secondary school • Pudukkottai • 2019 • 89%

EXPERIENCE

Machine Learning Intern

Infilabs private Limited, Tiruchirappalli

June 2023 – July 2023, Tamil Nadu, India

- Collected, cleaned, and pre-processed medical imaging data, such as chest X-rays, for training predictive models.
- Developed and fine-tuned a machine learning model to detect pneumonia with high accuracy, improving diagnostic reliability.
- Built an intuitive interface for real-time pneumonia detection and analysis, enabling healthcare professionals to make informed decisions quickly

PROJECTS

House Prediction using Machine Learning

June 2024 - July 2024

- Implemented an AI-driven system using Random Forest models to predict house prices based on features such as location, size, and market trends.
- Enhanced property market analysis by accurately forecasting house prices and providing actionable insights for stakeholders.

Autism Disorder Detection

September 2024 - November 2024

- Explored patterns in behavioral and developmental data to identify early indicators of autism spectrum disorder, focusing on enhancing early detection and intervention strategies.
- Utilized a combination of exploratory data analysis, data visualization, and predictive modeling to develop insights and improve the accuracy of autism disorder detection.

Bakery Sales Analysis

October 2024 – December 2024

- Analyzed sales trends and customer preferences to improve inventory management
- Developed an automated dashboard to track daily, weekly, and monthly sales patterns
- Recommended pricing adjustments, reducing waste and increasing revenue by 15 %

SKILLS

- **Soft skills**-Resilience,analytical thinking,problem solving,time-management,communication,Developmental learning.
- **Programming Languages:** Python (intermediate) | HTML/CSS(Intermediate)
- **Libraries/Frameworks:** Matplotlib | Pandas | NumPy | scikit-learn
- **Database:** MongoDB | MySQL | PostgreSQL
- **Data Analysis & Visualization Tools:** Power BI | MS Excel (Advance)
- **Designing & Video Editing Tools:** Canva | Figma

CERTIFICATION COURSES

- Responsive web design – freecodecamp
- Python – Infosys springboard
- Power BI – forage
- MS excel and Introduction to SQL-simplilearn

ACHIEVEMENTS

- Mentoring school students for skill development program conducted by saranathan college of engineering.
- Participated in various intercollege competitions and hackthons
- Attended workshop in the topic of Evolving today's trend-AI -KRCE,trichy