

Tamilarasan S

B.tech Artificial Intelligence and Data Science

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<https://github.com/TAMILARASANS5>

SUMMARY

Motivated and detail-oriented Artificial Intelligence and Data Science student with a solid foundation in machine learning, data analytics, and statistical modeling. Passionate about leveraging data to solve real-world problems and drive innovation. Skilled in Data Analysis & Visualization, Power BI with a growing interest in cybersecurity and secure system development. Committed to creating impactful, user-centric, and secure technology solutions.

EDUCATION

Saveetha School of Engineering, SIMATS

Bachelor's Degree in Artificial Intelligence and Data Science — CGPA: 8.3

Chennai, India

2022 – Present

P.S.B.B Matriculation Higher Secondary School

Chennai, India

HSC — Secured 72%

2020 – 2022

P.S.B.B Matriculation Higher Secondary School

Chennai, India

SSLC — Secured 70%

2019 – 2020

TECHNICAL SKILLS

Languages: Python, R, C, SQL

Web Development: HTML, CSS

Skilled In: Data Analysis & Visualization, Power BI.

SOFT SKILLS

- Strong organizational and time management skills
- Exceptional communication and interpersonal skills
- Ability to work independently and as part of a team

PROJECTS

- **Sales Forecasting using Machine Learning** | *Data Analysis, Regression*
- **Suspicious Login Detection System** | *Cybersecurity, Python*
- **Secure Password Analyzer** | *Cybersecurity, Python*

MINI PROJECTS

Number Recognition System | *Machine Learning*

Web News Portal | *Web Development*

Real-Time Handwritten Math Interpreter | *Computer Vision, ML*

CERTIFICATIONS AND WORKSHOPS

- Certified Ethical Hacker (CEH) - Version 13, **EC-COUNCIL**
- Attended a 2-day offline workshop on **AI with Machine Learning and Data Science** at **IISc, Bangalore**.
- Participated in a session on **Generative AI (Gen AI)** at **CIT, Chennai**.

INTERNSHIP

Data Science Intern – Shiash Info Solutions (Sept 2024 – Nov 2024)

Worked on data preprocessing, visualization, and applied ML models for business analysis.

RESEARCH AREAS

Adaptive Screen Enhancement for Mild Vision Impairments: A comparative study of deep learning-based super-resolution and CLAHE algorithms

LANGUAGES

Tamil (Native), English (Fluent), Hindi (Intermediate)