

# SHRI DHARSHINI J DATA ANALYST

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## SUMMARY

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Analytics and AI professional with hands-on experience in data analytics, machine learning, and AI-driven solutions. Strong expertise in Python, SQL, data analysis, and data visualization, with experience building predictive models, automation workflows, and analytical dashboards. Proven ability to transform data into actionable business insights and support data-driven decision-making.

## TECHNICAL SKILLS

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### Programming Languages:

Python, SQL, HTML, CSS, Javascript, R

### Data Visualization:

Power BI, Tableau, Matplotlib, Looker

### Data Analysis:

Excel, Machine Learning, Numpy, Pandas, Scikit-learn

### AI/ML Tools & Web frameworks:

KNIME, Orange, Flask and FastAPI

## PROFESSIONAL EXPERIENCE

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Jan 2025 – Present  
Coimbatore, India

### Data Analyst

*Cybervault Innovation and Technologies Pte Ltd*

- **Leading development of AI-powered image processing solutions**, including background removal and virtual jewelry try-on systems, using machine learning and computer vision for production-ready e-commerce applications.
- **Developed an intelligent resume screening and ranking system using Python**, Pandas, Scikit-learn, and NLP, automating candidate evaluation and improving recruitment efficiency and processing time.
- **Applied advanced analytics and machine learning techniques across AI, data science, and cybersecurity projects**, including VAPT using Nessus and Burp Suite to identify risks and support remediation.

Jun 2024 – Dec 2024  
Coimbatore, India

### Developer Intern

*Cybervault Innovation and Technologies Pte Ltd*

- **Developed and maintained backend APIs** using Python and MySQL, supporting reliable data storage, real-time processing, and scalable web application performance.
- **Built secure, data-driven systems**, including an FFT-based fault detection solution and a password vault application, implementing authentication, encryption, and seamless frontend-backend integration.

## Achievement & Award

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### Elite Performer of 2025

*Cybervault Innovation and Technologies Pte Ltd*

- **Recognized as an Elite Performer – 2025** for outstanding performance, technical excellence, and consistent contribution to training and project delivery over **1 year and 7 months**.
- Demonstrated strong ownership, adaptability, and impact across AI, analytics, and development initiatives.

## Education

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2020 – 2024  
Coimbatore, India  
**B Tech Artificial Intelligence and Data Science**  
*Kathir College of Engineering*  
8.20

## Publications

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Dec 2024  
**A guide to Cybersecurity Book**  
*Designer*

- Designed visual layouts, infographics, and content structure for a cybersecurity publication
- Collaborated on presenting cybersecurity concepts such as network security, threats, and best practices

## Technical Workshops & Analytics Sessions

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Dec 2025  
Rajapalayam  
**Ramco Institution - Cybersecurity Hackathon**  
*Industry Mentor*

- Delivered sessions on data-driven cybersecurity analysis and threat identification
- Explained how log data, patterns, and anomalies are used in security investigations
- Mentored participants on analytical thinking and problem-solving approaches

Sep 2025  
Coimbatore  
**Tamilnadu Faculty Development Program - AI tools**  
*Industry Mentor*

- Conducted sessions on AI tools and data-driven workflows for college faculty

Jul 2025 – Sep 2025  
Coimbatore  
**HICAS - Data Science Program**  
*Industry Mentor*

- Worked with datasets for data cleaning, analysis, and visualization
- Applied statistical concepts and exploratory data analysis (EDA)
- Used tools such as Excel, SQL, Python, and visualization techniques

Jul 2025 – Sep 2025  
Coimbatore  
**HICAS - AI/ML Program**  
*Industry Mentor*

- Learned supervised and unsupervised learning concepts
- Focused on data preprocessing, feature understanding, and model interpretation using Orange, KNIME tools

Aug 2025  
Coimbatore  
**Tamilnadu Faculty Development Program - AI tools**  
*Industry Mentor*

- Conducted sessions on AI tools and data-driven workflows for college faculty

Jun 2024  
Coimbatore  
**HICAS - Cybersecurity Awareness**  
*Industry Mentor*

- Explained data-driven approaches to cybersecurity threat analysis and risk awareness
- Demonstrated how data patterns are used to identify security incidents