

SHRI DHARSHINI J DATA ANALYST

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 Coimbatore, Tamil Nadu, India

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SUMMARY

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

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

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

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

2020 – 2024 Coimbatore, India	B Tech Artificial Intelligence and Data Science <i>Kathir College of Engineering</i> 8.20
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Publications

Dec 2024	A guide to Cybersecurity Book <i>Designer</i> <ul style="list-style-type: none">Designed visual layouts, infographics, and content structure for a cybersecurity publicationCollaborated on presenting cybersecurity concepts such as network security, threats, and best practices
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Technical Workshops & Analytics Sessions

Dec 2025 Rajapalayam	Ramco Institution - Cybersecurity Hackathon <i>Industry Mentor</i> <ul style="list-style-type: none">Delivered sessions on data-driven cybersecurity analysis and threat identificationExplained how log data, patterns, and anomalies are used in security investigationsMentored participants on analytical thinking and problem-solving approaches
Sep 2025 Coimbatore	Tamilnadu Faculty Development Program - AI tools <i>Industry Mentor</i> <ul style="list-style-type: none">Conducted sessions on AI tools and data-driven workflows for college faculty
Jul 2025 – Sep 2025 Coimbatore	HICAS - Data Science Program <i>Industry Mentor</i> <ul style="list-style-type: none">Worked with datasets for data cleaning, analysis, and visualizationApplied 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 <i>Industry Mentor</i> <ul style="list-style-type: none">Learned supervised and unsupervised learning conceptsFocused on data preprocessing, feature understanding, and model interpretation using Orange, KNIME tools
Aug 2025 Coimbatore	Tamilnadu Faculty Development Program - AI tools <i>Industry Mentor</i> <ul style="list-style-type: none">Conducted sessions on AI tools and data-driven workflows for college faculty
Jun 2024 Coimbatore	HICAS - Cybersecurity Awareness <i>Industry Mentor</i> <ul style="list-style-type: none">Explained data-driven approaches to cybersecurity threat analysis and risk awarenessDemonstrated how data patterns are used to identify security incidents