SHIYANA JAYANESAN SHYLAJA

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Multifaceted technology professional with a Master's in International Business (AI track) and a strong foundation in Information Technology. Experienced in designing and implementing AI infrastructure, driving analytics and automation initiatives, and supporting cloud-based solutions. Skilled at aligning technical capabilities with business strategy to foster innovation, improve operational efficiency, and deliver measurable results. Strong foundation in both business strategy and technical execution, with a focus on data-driven insights, stakeholder collaboration, and cross-functional impact.

Education

Masters - Artificial Intelligence & International Business   09/2022 – 05/2024
Skema Business School • Raleigh, USA

Masters & Bachelors - Information Technology   06/2011 – 05/2017
St. Peter's University • India, India

Skills

AI Infrastructure   Data Analysis   AWS   GitHub   Machine Learning   Cybersecurity   Python

SQL   Tableau   Scrum   Client Relationship Management   Cross-functional Collaboration

Negotiation   R Language   Shiny   Business Analyst   Data Science   Project Management

Network Configuration & Support   Strategic Planning & Execution

Work Experience

AI Infrastructure Intern   05/2024 – Present
Mcnc • USA

- Collaborate with team members and partners to plan, design, and pilot AI infrastructure and analytics services.
- Document design and engineering details, delivering comprehensive reports for stakeholders.
- Configure AI infrastructure, ensuring alignment with organisational strategies.
- Develop automation scripts to optimise operational efficiency and reduce costs.
- Contribute to strategic business planning, encompassing market analysis and financial forecasting.
- Present technical and business insights to cross-functional teams and stakeholders.
- Participated in workshops and presentations related to projects to gain knowledge, and prepared project presentations and reports to assist senior staff.

Analyst – Digital Initiatives   02/2022 – 08/2022

Bahwan CyberTek • India

- Spearheaded data-driven digital transformation initiatives, resulting in a 25% increase in operational efficiency across key business units.
- Improved client process efficiency by 15% by delivering analytics-driven recommendations using performance metrics and workflow insights.
- Implemented budget controls and resource optimization strategies, reducing project costs without compromising delivery quality.
- Collaborated with cross-functional teams to align digital solutions with client business objectives, enhancing customer satisfaction and retention.
- Contributed to the adoption of agile practices and performance dashboards, promoting transparency and .

Talent Solutions & Technology Integration   10/2018 – 12/2021

DiamondPick • India

- Supported recruitment and sales initiatives, integrating AI and cybersecurity tools to develop innovative, tech-enabled talent solutions.
- Enhanced reporting accuracy by 20% through the development of dashboards to track key performance metrics.
- Assisted in vendor negotiations, contributing to favorable contract terms and successful project outcomes.
- Collaborated across teams to align hiring strategies with client needs, ensuring timely and cost-effective delivery of services.

Associate   01/2016 – 03/2017

Infoziant Labs • India

- Tested applications prior to final review to verify issue resolution.
- Collaborated with cross-functional teams to ensure seamless integration of new features.
- Expanded personal skill set through continuous learning opportunities such as workshops, webinars, or online courses related to Android development.
- Developed and implemented strategies that enhanced customer satisfaction and engagement.

Certification

Scrum Basics

LinkedIn, 2023

Cybersecurity (Bug Hunter)

Infoziant Labs, 2023

Balance Scorecard & Strategy

Lumen Solutions, 2023