

Aditya Hede

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Summary

Highly motivated IT professional with 1+ years of experience in data analysis, cost analysis, and technical support. Currently pursuing a master's degree in information technology at Arizona State University. Proven ability to analyze, interpret, and summarize data, identify trends, and make actionable business recommendations. Skilled in working with databases, large datasets, and advanced spreadsheet tools. Strong foundation in cloud computing, programming, and data visualization, with a commitment to solving business challenges using creative problem-solving and forward-thinking strategies.

Professional Experience

Assistant System Engineer, TCS, Hyderabad, India

- Conducted detailed data analysis to identify trends, resolve SAP CLM system errors, and address workflow issues, achieving a 98% client satisfaction rating.
- Analyzed and interpreted large datasets using advanced Excel features, including formulas, pivot tables, and charts, to support data-driven decision-making for stakeholders.
- Resolved discrepancies in user permissions and workflows, implementing improvements that enhanced system functionality and reduced error rates by 15%.
- Documented technical solutions and developed user-friendly guides for SAP CPROC, reducing support tickets by 20% and improving user productivity by 30%.
- Collaborated with cross-functional teams to identify process inefficiencies and implement solutions that aligned with business objectives.
- Participated in Scrum meetings and utilized Agile methodologies to proactively address project bottlenecks, contributing to continuous improvement initiatives.
- Assisted in the transition to modernized workflows by identifying and mitigating risks, ensuring seamless adoption of updated processes.

Education

Master of Science in Information Technology (Expected May 2025), Arizona State University, Tempe, AZ | GPA: 3.78

Bachelor of Technology in Computer Science Engineering

Vidya Jyothi Institute of Technology, Hyderabad | GPA: 3.33

Relevant Coursework: Project Management, Databases, Machine Learning, Natural Language Processing, AWS Cloud Architecture.

Technical Skills

- **Data Analysis & Visualization:** Proficient in analyzing datasets, identifying trends, and presenting findings using Tableau, Excel (formulas, pivot tables, and charting), and Qlik.
- **Programming & Databases:** Experienced in Java, Python, SQL, .NET, and working with relational (MySQL) and NoSQL (MongoDB) databases.
- **Cloud Computing & Tools:** Knowledge of Snowflake, Terraform, Docker, Kubernetes, Azure, and AWS services, including RDS, S3, and Elastic Beanstalk.
- **Software Tools:** EnterpriseOne (E1), Data Access Studio/Reports Now.
- **Problem-Solving & Critical Thinking:** Applies creative solutions to complex problems, interprets data discrepancies, and recommends actionable insights.
- **Web Development:** Skilled in full-stack development using HTML, CSS, JavaScript, React.js, Angular, and Node.js.
- **Documentation & Process Optimization:** Adept at creating user guides and standard operating procedures to streamline workflows.

Projects

- **Deploying a Scalable Web Application on AWS with Load Balancing:** Designed and deployed a highly available web application on AWS using S3 for static hosting and Elastic Beanstalk for backend API management. Configured an Application Load Balancer to ensure traffic distribution and fault tolerance across EC2 instances. Set up RDS for secure and scalable database management, integrated IAM for resource security, and monitored system health with CloudWatch.
- **Understanding Treatment History:** Smoking, Radiation Therapy, and Thyroid Cancer (Tableau): Constructed an interactive dashboard to explore characteristics and potential associations within a thyroid cancer patient population.

<https://public.tableau.com/app/profile/aditya.hede/viz/UnderstandingTreatmentHistorySmokingRadiationTherapyandThyroidCancer/Dashboard1>

