

Aditya Hede

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Summary

Motivated master's student in Information Technology at Arizona State University, with a strong interest in Data Analytics, software development, data structures, algorithms, and programming languages like Java, Python, and JavaScript. Skilled in development, database management, networking fundamentals, and analytical skills. Passionate about data and building scalable and efficient software solutions to solve complex problems.

Professional Experience

Assistant System Engineer, TCS, Hyderabad, India

December 2021 - April 2023

- Monitored, debugged, troubleshooting the system performance and generated reports accordingly.
 - Validated data and system requirements for SAP CLM user access configuration, ensuring secure and efficient system operation.
 - Configured SAP CLM user accounts, permissions, access rights, file sharing options for 100+ users.
 - Created user documentation such as installation guides, help manuals for SAP CPROC improving user efficiency by 30%.
 - Provided technical training to end users regarding the usage of various SAP systems, resulting in 20% reductions in support tickets.
 - Engaged in communication with users from global sites to analyze and resolve system errors, workflow errors and permissions issues, maintaining a 98% satisfaction rating.

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 (Graduated July 2021), Vidyajyothi Institute of Technology, Hyderabad | GPA: 3.33
 - Relevant Coursework: Advanced Database management system, Advanced information security, Big Data and Analytics, Natural Language Processing (NLP).

Technical Skills

- **Full-Stack Development:** Proficient in Python (pandas, NumPy), JavaScript, HTML, CSS, Node.js
 - **Cloud Computing:** Familiar with cloud infrastructure AWS, GCP especially Azure.
 - **Data Analysis:** Expertise in data cleaning, manipulation, and analysis using Python and Microsoft Excel, Access, Microsoft Excel, Power Query.
 - **Data Visualization:** Experience creating insightful dashboards using Tableau and Power BI.
 - **Immersive Technologies:** Knowledge and interest in AR, VR, and MR technologies
 - **Databases:** Familiarity with SQL, Microsoft SQL Server, MySQL, PostgreSQL
 - **Programming Languages:** Java, JavaScript, Python, C, and SQL

- **Operating Systems:** Linux, Windows

Software Development

- Knowledge of object-oriented programming/design, algorithms, and data structures.
- Other Tools: Visual Studio, Git, AWS Certified Cloud Practitioner

Projects

Employee Performance Analytics Dashboard:

- Insights for Strategic Workforce Management (Tableau):
- The project involves creating an interactive employee performance analytics dashboard for strategic workforce management.
- **Identified key metrics** to assess employee performance and built an interactive dashboard to visualize them, aiding in problem-solving and decision-making for strategic workforce management.

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>

Full-Stack Web Application for Task Management:

- **Front-End Development:** Created an interactive user interface using HTML, CSS, and JavaScript, ensuring a responsive design and smooth user experience.
- **Back-End Development:** Developed server-side logic using Node.js and Express.js to handle API requests and manage data operations.
- **Database Integration:** Implemented MongoDB as the database to store user data and tasks, utilizing Mongoose for object data modeling.
- **RESTful APIs:** Designed and integrated RESTful APIs for user authentication, task creation, update, and deletion.
- **Deployment:** Deployed the application on Heroku, ensuring accessibility and scalability.