

RAGHU PRIYATHAM ANDUKURI

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SUMMARY:

Experienced developer with a strong background in web development, data engineering, and business intelligence. Proven ability to enhance system functionality and user experiences, leveraging technical skills in web, Business Intelligence (BI) applications and technologies to deliver impactful business solutions.

SKILLS:

Technical Skills:

- **Programming Languages:** Python, Java, JavaScript, PHP
- **Web Development:** HTML5, CSS3, Bootstrap, AJAX, WordPress, React, and Android Studio (XML layouts)
- **Data Engineer & Business Intelligence:** PowerBI, Tableau, ETL (Extraction, Transaction and Loading), Informatica PowerCenter, OLAP and Data cube design, MaxL, MySQL, PostgreSQL, Snowflake, Oracle Analytics Cloud (OAC), Oracle Hyperion Essbase, Pandas, NumPy, and Matplotlib
- **Cloud Computing:** Google Cloud (Associate Cloud Engineer certified), Azure Fundamentals
- **Software & Tools:** Adobe Creative Cloud, Audacity, Final Cut Pro, ServiceNow, Microsoft Office Suite, Visual Studio code, slack, Jira and Git.

Soft Skills: Detail-oriented, Collaborative, Adaptable, Customer service, and Teamwork.

CERTIFICATIONS:

- **Web Development**
Tech Mahindra Private Limited *August 2019*
Earned a certification in web development, demonstrating hands-on skills in designing and managing web projects. [View Portfolio](#).
- **Google Cloud Associate Cloud Engineer**
Credential ID: 101377 *May 2023 - May 2026*
Completed a partnership learning program with TCS and Google Cloud, achieving certification as an Associate Cloud Engineer.

EDUCATION:

Southern Illinois University

Master of Science in Computer Science

GPA: 4.0

Carbondale, USA

August 2023 - May 2025

Relevant Courses: Design and Analysis of Algorithms, Web Application Development, Computer Security, Advanced Python, Advanced Cryptography, Operating Systems, Ethical Hacking, Computational Blockchain, Advanced parallel distribution and Advanced operating systems

EXPERIENCE:

WSIU (Digital Media Specialist)

Southern Illinois University Carbondale

Carbondale, USA

August 2023 – Present

- Enhanced Website functionality and user experience improvements from CMS management and front-end development enhanced by 30%
- Created and edited video, animations, and graphics utilizing Adobe Creative Cloud, Audacity, and Final Cut Pro.
- Increased more donations through crowdfunding, they would attract 25% with the effective use of strategic and video scripting.

Tata Consultancy Services

System Engineer

Hyderabad, India

March 2022 – August 2023

- Designed, developed, and maintained ASO and BSO cubes in an environment on-premises to support financial reporting, budgeting, and forecasting. Automated data loads, calculations, and

reporting processes using MaxL scripting, reducing manual intervention by 30%. optimized cube performance by fine-tuning aggregations and Improving the retrieval data.

- Managed seamless data integration pipelines using Oracle Data Integrator (ODI) and SQL. Created dynamic dashboards and reports in Smart View and Hyperion Financial Reporting, enabling real-time analysis of key financial metrics for stakeholders.
- Migrated and upgraded legacy Essbase on-premises applications to newer versions (one-stream), reducing the financial close cycle by 25% and ensuring compliance with organizational goals.

Assistant System Engineer

March 2021 - March 2022

- Monitored and scheduled Informatica PowerCenter data loads to ensure efficient execution, reducing processing times by 20% and enhancing data reliability.
- Managed ServiceNow ticketing system, handling over 70 tickets monthly, which improved resolution efficiency and user satisfaction by 15%.
- Administered Oracle Analytics Cloud (OAC), optimizing user experience by troubleshooting issues and maintained servers and backups, ensuring system updates, performance monitoring, and regular backups, which improved overall reliability and reduced downtime and reduced downtime by 25%.

Edsoft Technologies

Hyderabad, India

Junior Developer

February 2020 – March 2021

- Designed interactive dashboards and reports using Power BI and Tableau, enabling data-driven decision-making and actionable insights for stakeholders, while managing projects in Jira to streamline task tracking, collaboration, and delivery timelines, ensuring on-time and efficient project completion.
- Developed the Virtuwijis e-learning management system, integrating virtual classes, attendance tracking, and exams using HTML5, PHP, and MySQL, increasing user engagement by 40%.
- Led the redesign of multiple WooCommerce websites, enhancing site functionality and user experience which contributed to a 30% increase in client satisfaction.

People Tech Group Inc

Hyderabad, India

Internship

August 2019 – January 2020

- Designed user interfaces for Mercedes-Benz infotainment systems using Android Studio, focusing on Java and Kotlin.
- Implemented various UI layouts including Linear, Relative, ListView, and GridView, which enhanced application responsiveness and user engagement.
- Completed a gesture control project for Mercedes-Benz

PROJECT:

Distance Vector Routing Simulation: Simulated the distance vector routing protocol using Python, Pandas, NumPy, and Matplotlib analyzing network routes and path optimizations

Personal Finance Tracker: Built a data-driven app to track daily expenses using Python, Pandas, and NumPy to provide statistical insights on spending habits

Customer Churn Prediction Model: Developed a machine learning model to predict customer churn using Python (Pandas, Scikit-learn, XGBoost, Flask), Jupyter Notebook.

Online Exam Platform: Developed a scalable online exam platform for users, admins, and super admins with PHP, MySQL, Javascript, AJAX, and Bootstrap