

B. S. P. Revanth

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PROFESSIONAL SUMMARY

Information Systems professional specializing in Oracle Cloud HCM, Microsoft Azure, Amazon Web Services, ERP systems, SQL, enterprise reporting solutions, and AI-enabled cloud technologies, with experience in developing scalable applications, data models, and operational analytics systems. Proven ability to support system operations, implement reporting frameworks, and resolve complex technical issues in enterprise environments. Certified Oracle HCM Business Process Associate and Oracle Cloud Infrastructure Implementor. Proficient in enterprise productivity and analytics platforms for performance analysis, reporting metrics, and data visualization, with working knowledge of cloud computing environments and AI-driven system integrations, complemented by demonstrated leadership in academic and community initiatives. Dedicated to continuous professional development and the effective application of emerging technologies to support organizational goals.

EDUCATION

University of North Texas,

Graduate Program, Master of Science

Denton, USA

May 2026

- **Stream:** Information Systems and Technology Management; **Aggregate:** 3.95 GPA

Geethanjali College of Engineering and Technology

Undergraduate Program, Bachelor of Technology

Hyderabad, India

June 2022

- **Stream:** Computer Science and Engineering; **Aggregate:** 3.40 GPA

RESEARCH AND PUBLICATIONS

Bridging the Gap Between DLP and MDM: A Real-Time On-Device Framework for Camera Security.

Conference: 2025 International Conference on Intelligent Computing, Information and Control Systems, IEEE.

- This Research Idea is regarding corporate-owned devices, in which the current technologies like MDM and DLP focus on the security of the items that have already been digitally printed.
- This System focuses on the data creation itself. It has 3 layers of algorithms, in which it checks the data captured on the mobile for direct keywords in the first step, then patterns of the Personal Identification Information data like SSN, and finally, it checks the summary of the image to make a decision call if it does not contain any confidential data. If it finds any data, it will have a 5-minute cooling period for the camera.

WORK EXPERIENCE

North Carolina State Department of Transportation

State Titling and Registration System Intern

Raleigh, North Carolina, USA

May 2026 – July 2026

- Led the development and implementation of the Instant Title feature, enabling Instant Title processing for DMV customers across North Carolina.
- Designed and developed backend APIs to support seamless integration between Servers and License Plate Agencies (LPAs) and DMV Headquarters systems.
- Implemented secure authentication mechanisms, including Basic Authentication, to ensure controlled access to application services and data.
- Automated document distribution workflows by enabling secure transmission of title data from centralized servers to printers deployed across more than 200 License Plate Agency locations statewide.
- Reduced printer IP verification time by 50% through optimized validation and routing logic.
- Developed functionality to consume and transform data from legacy mainframe systems using JSON-based integrations, and designed title document templates utilizing Aspose libraries
- Developed barcode generation capabilities for DMV title documents to support document tracking, validation, and operational efficiency.
- Authored comprehensive Application Architecture Documentation (AAD), including business requirements, system architecture, technical design specifications, implemented functionalities, test strategies, and validation results.

- Collaborated with faculty in delivering lectures and lab sessions on SQL and database design for 300+ students per semester.
- Trained various student project teams in writing and executing SQL queries, stored procedures, and database schemas.
- Facilitated hands-on labs using MySQL, Oracle, and SQLite.
- Assessed database design projects to ensure alignment with academic standards and evaluation criteria.
- Assisted in conducting examinations, grading, and result preparation.
- Provided one-to-one academic support and technical troubleshooting.
- Supported the maintenance of database servers and lab systems.
- Conducted and supervised database laboratory practical examinations in accordance with academic and examination standards.
- Guided project teams in designing data-driven business models and analytical solutions for small-scale organizations across diverse industry sectors through university programming.

Cognizant Technology Solutions**Bangalore, India***Programmer Analyst**March 2023 – July 2024*

- Worked in a global delivery environment, orchestrating and delivering enterprise-scale Oracle Fusion HCM implementations.
- Developed and scheduled advanced SQL reports across 40+ business entities using Oracle Cloud.
- Supported Core HR, Compensation, Payroll, Finance, and Cloud Integrations modules.
- Implemented enterprise reporting using HCM Data Loader (HDL), HCM Extracts, and Spreadsheet Data Loader (HSDL).
- Developed 10+ Fast Formulas for compensation eligibility based on experience, annual plans, business rules, and business requirements for the organization.
- Designed and maintained 50+ Core HR data models aligned with organizational workflows.
- Developed an HR Help Desk system to track employee service requests, automating previously manual processes using REST APIs.
- Conducted knowledge transfer and user training sessions for client stakeholders and business users.
- Mentored 5 junior team members on Oracle Fusion Cloud concepts and operational processes.
- Ensured system configurations adhered to organizational policies and compliance standards.
- Maintained detailed technical and process documentation for audits and operational continuity.
- Certified as an Oracle HCM Business Process Associate – Oracle University.

Cognizant Technology Solutions**Bengaluru, India***Programmer Analyst Trainee**March 2022- March 2023*

- Completed structured enterprise-level training in ERP systems and Oracle Fusion HCM technologies, acquiring hands-on exposure to functional modules, reporting frameworks, and system configurations.
- Contributed to business requirement analysis and solution design.
- Responsible for creating process flow diagrams and functional documentation.
- Developed databases, data entry systems, and internal applications.
- Supported debugging and issue resolution during training projects.
- Assisted in testing business workflows and system configurations.

Cognizant Technology Solutions**Hyderabad, India***Intern**Oct 2022 – March 2023*

- Received hands-on training in SQL, Power BI, Oracle APEX, and PL/SQL for enterprise application development.
- Analyzed project documentation and participated in functional workshops and stakeholder discussions to develop a comprehensive understanding of business processes, technical workflows, and organizational operations.
- Participated in project-related workshops and knowledge-sharing sessions to enhance domain knowledge and technical understanding.
- Explored emerging technologies and methodologies to improve operational efficiency.

- Prepared detailed project presentations and analytical reports to support senior executives in pre-sales activities, solution design, and project execution for client engagements.
- Observed operational workflows to ensure compliance with predefined specifications.
- Collected, structured, and maintained data within organizational database systems.
- Responsible for application testing and validation activities, including Unit Testing, Integration Testing, Performance Testing, and User Acceptance Testing (UAT).

Packet Prep

Intern

Hyderabad, India
May 2020 – July 2020

- Gained foundational exposure to Machine Learning concepts and applications.
- Trained in SQLite3 database management for application development.
- Developed a Machine Learning project using the Dlib library.
- Built a real-time project titled “Drowsiness Detection of a Cab Driver” to enhance road safety using computer vision techniques.

PROJECTS

Personal Expense Tracker

Jan 2026 – April 2026

- Designed and developed a full-stack personal finance management application using React.js, TypeScript, Node.js, Express.js, and MongoDB to track and manage financial transactions.
- Developed and integrated RESTful APIs for expense recording, transaction management, and secure data exchange between frontend and backend systems.
- Created interactive dashboards and data visualizations to analyze spending patterns, expense categories, and monthly financial trends for improved decision-making.
- Designed and optimized MongoDB database schemas, implemented data validation, and performed testing to ensure application performance, reliability, and data accuracy.

Public Sector Pre-sales Experience

April 2025 – May 2026

- Designed and developed an executive-level analytics dashboard using Power BI.
- Implemented and analyzed 10+ Key Performance Indicators (KPIs) for strategic decision-making.
- Managed and maintained the company-tailored Zoho CRM customer dashboard, including lead creation, prospect generation, and coordination of marketing call scheduling.
- Administered entry, maintenance, and loading of critical data elements to support opportunity generation across multiple agencies.
- Captured and documented business challenges and operational pain points of various agencies during pre-sales workshops to support solution design.
- Collaborated with an implementation partner to support **pre-sales bid activities for public sector projects** involving Power BI, Creatio (Salesforce-based CRM), and SAP S/4HANA solutions.
- Conducted market research, solution analysis, and prototype demonstrations, and prepared presentation materials for pre-sales workshops and client engagements.

SKILLS & INTERESTS

Programming Languages: C#, Java, JavaScript, Python, SQL, HTML, CSS

Frameworks & Technologies: ASP.NET Core, .NET, React, Node.js, AngularJS

Databases & Tools: MySQL, Microsoft Office, WordPress, ServiceNow.

Reporting Tools: JIRA, Snowflake, ServiceNow.

Visualization & BI Tools: Tableau, Power BI

Oracle Cloud – Technical & Functional: Cloud Reporting & Analysis, Fast Formulas, Schedule Processing, User-Defined Table Loads, HCM Data Loader, HCM Spreadsheet Data Loader, HCM Extracts, Oracle Transactional Business Intelligence (OTBI)

ERP Tools: ERP Systems, Salesforce (CREATIO), Oracle Middleware (Integrations), SAP S4/HANA, Oracle Fusion Cloud, Core HR Operations

Core Technical Knowledge: Artificial Intelligence, Software Development Life Cycle (SDLC), Cloud Computing

EXTRA CULTURAL ACTIVITIES

Annual Day Managing Head Co-Ordinator

February 2022 - April 2022

Marketing Lead, Geethanjali Group of Colleges, Cheeryal, Hyderabad

- Led a cross-functional team of **50+ members** to plan and execute sponsorship campaigns for university-level events.
- Spearheaded outreach initiatives to prospective sponsors, effectively communicating event value propositions.
- Secured sponsorships worth **₹600,000+** from top organizations, including **HDFC Bank, KTM, and BMW**.
- Designed professional pitch decks and marketing collateral to increase sponsor acquisition rates.
- Coordinated between internal committees and external stakeholders to ensure seamless execution.

Student Council

May 2021 – June 2022

President, Geethanjali Group of Colleges, Cheeryal, Hyderabad

- Organized and managed multiple inter-college and intra-college sports and cultural events.
- Conducted strategic brainstorming sessions focused on student engagement and workflow improvement.
- Led institutional events such as **Graduation Day, Orientation Day, and Annual Day**.
- Established new student organizations to improve transparent communication between students and management.
- Facilitated regular board meetings with faculty and students to address grievances transparently.
- Represented student interests in administrative decision-making processes.

Creative Design Club

September 2020 - June 2022

Head Designer, Geethanjali College of Engineering and Technology, Cheeryal, Hyderabad

- Served as the official design partner for all institutional events.
- Supervised a team of 10 designers and delivered **300+ high-quality posters and creatives**.
- Conducted live graphic design workshops to foster creativity and technical skills.

CERTIFICATIONS

- Winner – BHASWARA 14th National Coding Contest, Geethanjali College.
- Certified Oracle Cloud Infrastructure Implementor from Oracle University, Dec 2023.
- Certified Oracle HCM Business Process Associate from Oracle University, Apr 2024.
- Digital Readiness Program - Wipro, with an aggregate score of 89%.
- Business English Preliminary Level – Cambridge University.