

CHANDIKA KARANAM
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EDUCATION:

Master's in computer information systems

Dec 2023

University of Houston Clear Lake, Houston, TX

Relevant Courses: Information System Security, Web Development and Administration

Bachelor of Engineering

June 2020

Satyabama Institute of Science and Technology

Relevant Courses: OOPS concepts, C++, C language, SQL

PROFESSIONAL EXPERIENCE:

Technoviz

February 2024 – Present

Business Analyst

Madison, WI.

Responsibilities:

- Conducted meetings and brainstorming sessions with senior management and SMEs of the Research Group to gather and document requirements.
- Reviewed business analysts' documentation to ensure compliance with requirements.
- Interacted with business heads to finalize application Business Requirements.
- Directed the transition of inventory management responsibilities from Supply Chain to Business Planning and Business Intelligence to enhance organizational effectiveness and operational excellence.
- Collaborated with various process managers to document process flows for settlements, refunds, cancellations, etc.
- Conducted data analysis and manipulation of large datasets using SQL and Excel.
- Integrated suppliers with ECC applications via a web-based Supplier Portal platform.
- Developed processes for payment transactions and validation.
- Coordinated efforts with vendors and OEMs.
- Analyzed the current system and developed concepts for the future system, preparing System Process Maps.
- Created comprehensive end-to-end testing strategies and test scenario coverage documents.
- Managed internal and external follow-ups to resolve issues supporting project requirements and system approach. Maintained client relationships and managed expectations to meet project objectives.
- Documented business rules and created a business process dictionary.
- Established milestones and deliverables for the Rational Unified Process (RUP) and actively participated in workflow management.
- Assisted developers in project onboarding and contingency planning for last-minute project withdrawals.

Environment: MS-Office Suite (Word, Excel, PowerPoint, Visio, MS Project) Mercury Quality Center, Agile/Scrum, Waterfall, Java, SQL Server.

Sudheesah Smart Solutions
Business Analyst
Hyderabad, India.
Responsibilities:

January 2020- June 2021

- Collected requirements by interacting with users and created requirement specification artifacts.
- Planned and monitored tasks, creating and assigning tasks to team members accordingly.
- Prepared the User Requirements document based on gathered requirements.
- Created Use Case Diagrams and Sequence Diagrams using MS Visio.
- Facilitated discussions with business users to determine the application's feature list.
- Documented change requests based on new requirements.
- Created PowerPoint presentations to demonstrate project-wide workflow management and conduct walkthroughs for end-users.
- Followed established formats and procedures, created new formats, and researched, created, and edited technical and business data documents.
- Extensively used SQL for accessing and manipulating database systems.
- Participated in design walkthroughs with SMEs to finalize the business architecture.
- Collaborated closely with QA and developers to clarify functionality, resolve issues, and provide feedback to identify and fix bugs.

Environment: MS-Office Suite (Word, Excel, PowerPoint, Visio, MS Project) Mercury Quality Center, Agile/Scrum, Waterfall, Java, SQL Server.

Win AMR Systems Pvt. Ltd.
Business Analyst (Intern)
Hyderabad, India.
Responsibilities:

December 2018 – December 2019

- Participated in client meetings to discuss and gather user requirements.
- Hosted weekly meetings with the business to discuss change requests and enhancements.
- Identified end-to-end requirements for all systems and business units impacted by the project.
- Created Test Plans and a Test Coverage Matrix.
- Planned and prepared regression suites for testing.
- Coordinated and conducted integration, system, regression, and acceptance testing.
- Created and maintained traceability matrices, using them to perform impact analysis for changing requirements.
- Utilized Lotus Notes for defect management, design documentation, and managing project artifacts.
- Coordinated and facilitated the execution of User Acceptance Testing (UAT).

Environment: MS-Office Suite (Word, Excel, PowerPoint, Visio, MS Project) Mercury Quality Center, Agile/Scrum, Waterfall, Java, SQL Server.

SKILLS:

- **Business Process Modeling:** BPMN, UML, MS Visio
- **Data Analysis & Reporting:** SQL, Excel, Tableau.
- **Requirement Gathering & Documentation:** BRD, FSD, Use Case Specifications
- **Database Management:** SQL Server, Oracle, MS Access
- **Software Development Life Cycle (SDLC):** Waterfall, Agile, Scrum
- **Web Technologies:** HTML, JavaScript, XML,
- **Operating Systems:** UNIX, Linux, Windows, Mac
- **Testing & Quality Assurance:** Test Plans, Test Cases, User Acceptance Testing (UAT)
- **Communication & Collaboration:** Microsoft Teams, Zoom
- **Version Control Systems:** Git, SVN
- **Programming Languages:** Basic knowledge of Java, R, C, C++.

PROJECTS:

A dynamic & intelligent student attendance maintenance based on face recognition January 2020 – May 2020

- Student attendance system using face recognition and classification algorithms in machine learning. The dataset is collected from the images of the students and training and testing is to be done accordingly. The input of the images to the algorithms are taken from the surveillance camera placed in the classroom.

Developing a Smart Parser Application for the Protection of Data When Using AI Tools in Software Development August 2023 – December 2023

- create an application to help protect the data of software developers interested in using language models as a tool in their development process. Working completely offline, this tool's job is to obfuscate or encrypt, user written variables to hide the details of any code given to the AI, as well as deobfuscate, or decrypt, the code for the user when done working with the learning model.