Jinu Rose Mathew

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EDUCATION

Mahatma Gandhi University   Kottayam, Kerala, India
Bachelor of Technology in Computer Science   GPA - 7.37

TECHNICAL SKILLS

- Languages   : Python, HTML5, CSS3, C, PHP
- Database   : Oracle, MySQL, SQL Server
- Frameworks : Tableau, Git, MATLAB, Sci-kit, Microsoft Visual Studio, Numpy, Pandas
- Software processes and tools : Git, JIRA, Confluence, Jenkins, Stash, Postman, Scrum agile software methodology

EXPERIENCE

Additional Skill Acquisition Program, Govt. of Kerala   Kerala, India   **Program Manager**
Management Information System   **Mar 2018 - Sep 2019**

- MIS is the web application used by ASAP for the Skill Development Center management.
- The application was used for asset management, financial management, Quality assurance and report generation.
- Effectively communicated with stakeholders for requirement gathering.
- Conducted weekly meetings and stand-ups to ensure timely delivery of the product.
- Automated weekly and daily reports for the upper management using Python and SQL Server.
- Created technical documentation in confluence for various modules of the application.
- Coordinated releases for the MIS application.
- Performed Integration, Functional, Acceptance and Smoke testing of application for each release.
- **Technologies** : Python, Oracle, JIRA, Confluence

Additional Skill Acquisition Program, Govt. of Kerala   Kerala, India   **Program Manager**
Account Management System   **Mar 2017 – Mar 2018**

- Account management System is a web application used for fund allotments within the organization.
- The application has the option for Fund request, Expenditure Analysis and Fund allotment for ASAP.
- Created expenditure reports using Python and SQL Server for upper management.
- Performed the Integration, Functional, Acceptance and Smoke testing for the application.
- Tested the API's for the application using postman.
- Created documentation for project in confluence.
- **Technologies** : Python, Oracle, JIRA, Confluence, Postman

Additional Skill Acquisition Program, Govt. of Kerala   Kerala, India   **Program Manager Trainee**
Training Project   **Jan 2017 – Mar 2017**

- Created a dashboard to track the skill development class progression.
- The dashboard tracked the class details and completion status.
- The project also predicted the tentative dates for the completion of pending classes within a given deadline.
- **Technologies** : Tableau, MySQL

ACADEMIC PROJECTS

Blind Assistive Technology (BAT)

- The proposed system was designed to help the visually impaired people to locate their objects.
- BAT uses camera and OpenCV libraries to detect pre-defined tags that are used to identify objects.
- The System uses sound to detect the position of the tagged objects. The sound frequency varies based on the proximity to the object.
- While in learn mode, the system associates pre-defined tags with objects.
- In search mode the system searches for the tag associated with the entered object.
- **Technologies** : OpenCV, OpenAL, SFML, Microsoft Visual Studio, Linux

Online Attic

- Developed a web application to trade pre-owned electronic goods to reduce e-waste.
- Website had a Bidding option available that would allow the seller reap the best price for the product.
- The seller could also add a product for a fixed price and buyers could search for the products and sort by price using the filter options available in the website.
- Published as an internal website in college and was well received with special recognition from the Dean.
- **Technologies** : PHP, MySQL, HTML, CSS

EDUCATION/PROFESSIONAL/DEVELOPMENT ACHIEVEMENTS

- Dean's list for 2 semesters in college.
- Oracle Academy Award of Achievement for successfully completing Database Design and Programming with SQL.
- Certification for completion of Linux Workshop offered by IIT Bombay.