RANADHIR S

Software Developer

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in ranadhir-shankar

OVERVEIW

Over 3.11+ years of full time windows developer using C++ with emphasis on object-oriented programming.

Good experience in development of Dialog Based Applications and GDI Based applications using MFC.

Data analysis using python.

SKILLS

- Languages: **C, C++, Python, VC++.**
- Operating System: **Windows-XP, Windows-7, 10.**
- Framework: **MFC, MipDAP.**
- Development Environment: **Microsoft Visual C++ 6.0, Microsoft Visual Studio 2010.**
- Database: **SQL Server, Oracle10g, MS- Access.**
- Tools: **Visual Source Safe, SQL Developer, Microsoft SQL Server 2008, Bugzilla.**

EDUCATION

MCA

Computer Science

Ramaiah Institute of Technology

📅 September 2015 - July 2018

📍 Bangalore, Karnataka

🎓 CGPA: 8.9

WORK EXPERIENCE

Software Developer
PRDC [Power Research Development Consultant]

📅 July 2018 – current   📍 Bangalore, Karnataka

The company's in-house product named MiPower, MiPGen, Mi-PSCT and MipContour which is used for power grid systems,these are desktop apps hired for enhancements of new requirements and bug fixes.

1. Project name: MiPower and Mi-PSCT

Responsibilities:

- Enhancement of new features in drawing module of the application approximately around 46 implementation in 3.11years over 3.52% profit.
- Optimizing the code for lesser time complexity from 18 hours 32 minutes to 3 - 4 minutes and memory management.
- Writing Python scripts for data analysis for the output files generated by the engine.
- Involved in bug fixes, till date has fixed 258 bugs along with Unit Testing.
- Requirement collection, specification and validation for new enhancements.
- Analysis & understanding of Specification Requirement Documents for different modules.
- Involved in document preparation like SRS, SDD, and FUD.
- Debugging and troubleshooting for all desktop applications.

2. Project name: MipContour

Responsibilities:

- Updating/adding a new relay module by creating new UI for each requirement.
- Added new 78 relay modules in 2 sprints.
- GDI drawing for the relay characteristics using VC++.
- Design, development and testing of new developed module.

3. Project name: MipGenericContour

Responsibilities:

- Revamped the entire application to a generic tool for reducing developer's efforts for updating/adding a new module.
- A written python script which was converted to an application for all generic math operation evaluator as an API.
- A php application to get the inputs for relay characteristics from the engineers.

AWARDS

- Appreciation award for all the live projects delivered to the clients.
- Best SEG employee award.

CERTIFICATION

- C++(Expert)Badge by StudySection
- Completed C++ Course by Great Learning