DHANYA MOHANDAS
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Career Objective:

To associate with an organization that promises a creative career in progressive environment so as to enhance my knowledge and skills in the state of new technology and be a part of the team that excels in work towards the growth of organization.

Profile summary:

- Pursued Bachelor of Technology in Electronics and Communication Engineering with NSS College of Engineering and Technology.
- Possess good interpersonal and decision making skills. Ability to work as a group and individually.

Educational Profile:

S.No	Name of Institution	Stream	University	Year of Passing	Percentage/CGPA
1.	NSS College of Engineering	B.Tech in Electronics and Communication Engineering	Calicut	2017	7.57
2.	Narayana Junior College	MPC, Intermediate	Board of Intermediate Education, Andhra Pradesh	2012	93.9
3.	Bhashyam Public School	SSC	Board of Secondary Education, Andhra Pradesh	2010	91

Technical Skills:

- Programming languages : C, C++, SQL, Arduino IDE, VHDL, VBA
- Operating Systems : Windows, Linux, UNIX
- Softwares : MS Office, VLSI Electric, LT Spice, Matlab, Latex, MS SQL

Experience:

Presently working in Tata Consultancy Services in 'Banking and financial services' Domain.

Details about the Project:

1. Worked as L3 developer in Market Risk System (MaRS) project in Credit-Suisse Account.

Credit Suisse Group is a leading financial services company, advising clients in all aspects of finance, across the globe and around the clock. It is a global wealth manager, investment bank and financial services firm founded and based in Switzerland.

MaRS:

It is the core of Market risk reporting system. It is a Risk calculation engine and produces measures like

- Value at Risk (VAR)
- Economic Risk Capital (ERC)
- Incremental Risk Charge (IRC)
- Raw sensitivity and P&L strips

I have been learning the system in initial months.

My roles in the project are

- I worked on both UAT and Production INCs real time.
- Have done daily production health check using SQL queries in Oracle Database.
- Have checked the INC's in our L3 queue and assigned to the team members.
- Have used both UNIX commands and SQL queries to solve INC's.
- Ran the reports in MaRS Enquiry Tool and checked the logs and analysed why the reports were failing.
- Checked consistency checker alerts occurring in the system.
- Supported in Quarterly releases.
- I have learned different VAR calculation methods.
- Debugged module test cases.
- Writing unit test cases.

INC's are of following types:

a. Data difference issues raised by L2 team on VAR, Net Sensitivity, ERC and IRC calculation methods.
b. Reports running out of memory.
c. Analyse and see why the MaRS has failed to run risk reports.
d. To handle MaRS releases quarterly.
e. To maintain production system in health condition.

2. Presently working in L3 team in Automation tasks in FACIT team (Financial Anti-Crime Investigation team) in KYC application.

Details:

a. Developed Stored procedure codes for reduction of daily manual tasks by l2 team.
b. Developed Batch script to automate daily application health checks using technologies like VBA Macros and SQL queries. The batch script fetches results from MS SQL using SQLCMD and then run macros to send health Check mail to the team

c. Developed some VBA Macro codes to automate pivot tables and charts in Incident categorisation which is useful to fetch the various INCs in the application.
d. Preparing Weekly Status Report about the incidents and CRQs on different applications in the team using macros.
e. Analysed various vulnerabilities in the application and worked on reducing them.

Academic Initiatives:

Mini Project: PICK AND PLACE ROBOT

Main Project: NUCLEAR SEED RECOGNITON AND WEED SEGREGATION SYSTEM

Workshops attended:

- RISC MICROCONTROLLERS BASED PROJECTS ON OPEN SOURCE PLATFORM organized by the Department of Instrumentation and Control Engineering, NSS College of Engineering in association with Entrepreneurship Development Cell.

- Completed implant training on OPTICAL FIBRE COMMUNICATION USING SDH at signal and Telecommunication Dept., Southern Railway, Palghat Division.

Achievements:

- Secured 2nd place in Mr/Ms ELECTRONICS competition as part of technical fest DHRUVA 2K15 organized by Dept., of Electronics and Communication Engineering,

- Secured 1st rank in the examination center in 20th Inter State Mathematical Competition2009 conducted by Ramanujan Mathematics Academy.

Personal Profile

- Name   : Dhanya Mohandas
- Date of Birth   : 29-10-1994
- Age   : 27
- Nationality   : Indian
- Interests   : Playing chess, Badminton, Surfing the internet, Listening to music
- Languages Known : English, Malayalam, Telugu and Hindi

Declaration:

I hereby declare that the above mentioned information is correct to my knowledge and bear the responsibility for the correctness of above mentioned particulars.

Place: Bangalore

Date: 02-04-2022   DHANYA MOHANDAS