CHANDRA SEKHAR RAVURI

Seeking an opportunity in .Net with C#, but open to learn new.

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WORK EXPERIENCE

Software Engineer
WiseTech Global   **(Cargowise)**

📅 Aug 2021 – Present   📍 Bengaluru, India

As a member of Cargowise product development team, Contributed my work to WMS and integration system which connects various external and internal modules.

- Practiced Test-Driven Development(TDD) approach extensively, where unit tests will be written before writing component logic.
- Designed and developed multiple features and enhancements in cargowise product.
- Participated in various high-level design and bug triage discussions with peers.

Software Engineer
Technoforte Software Pvt Ltd   **(PALMS WMS)**

📅 June 2018 – Aug 2021   📍 Bengaluru, India

As a member of PALMS WMS Product development team, performed following tasks.

- Supported full SDLC through design, development, Unit testing, internal and client bug fixes.
- Transformed client requirements to finished features and supported same in UAT process.
- Assisted multiple clients for smooth go live process in product implementation phase.
- Reported status of work at every stage to higher managers to maintain transparency and healthy relationship.
- Mentored juniors on various practices for smooth on-boarding process.
- Leaded a team of junior developers by assisting them technically and getting the deliverables on time.
- Engaged and tracked priority issues with responsibility of timely documentation, escalation (if appropriate), resolution and closure of trouble tickets from client.

Things I would love doing

- Be part of design, development, and unit testing phases.
- Be part of discussions to resolve issues at various levels from requirement gathering to UAT.
- Guiding and mentoring freshers and juniors, and making them more valuable to themselves and to the company.
- Learning something new and useful to my professional growth and helping my organization.
- Completing given tasks in near estimated time and effort.

SDLC Agile Timely Reporting Team Player Mentoring

EDUCATION

Master of Technology   (Electrical Engineering)
Indian Institute of Technology Gandhinagar   **(Signal processing)**

📅 July 2016 – June 2018   📍 Gujarat, India

Bachelor of Technology   (Electronics and Communication)
Jawaharlal Nehru Technological University, Kakinada

📅 Aug 2011 – May 2015   📍 Andhra Pradesh, India

SKILLS

Programming

- Proficient in C#, using in current role for Server side coding, Win mobile development and Android development with Xamarin forms.
- Used T-SQL with SSMS, Performed various tasks like creation or modification of tables, views, functions and stored procedures. Proficient in topics like Primary Keys, Foreign keys and more.
- Used Java with Google Web Toolkit(GWT) library for front end development.
- Used Python and Matlab to implement logic, automate multiple tasks and data preparation scripts for thesis in Masters.

C# MS-SQL Xamarin Forms GWT

Version Control

- Used on Microsoft team foundation server (TFS) for day to day work.
- Performed tasks like file Check-in, Check-out, Project Creation, Branching and merging changesets etc.
- Worked on git with Github for saving personal project files.

MS-TFS GIT

Office

- Moderate Proficiency in using Excel, Power point and Word.

Others

- Implemented many basic Image Processing functions, in MATLAB as assignments in the course Digital Image Processing, and interpreted their working.
- Implemented benchmarking algorithms in Computer Vision. Different libraries in python including keras, tensorflow, opencv, and numpy were used in part of implementation of thesis topic in Masters.
- Performed image segmentation, in MRI Brain Images, using SVM, and classified pixels of regions as affected or unaffected by tumour.
- Installed various softwares like Visual Studio, VS Code, Eclipse, MATLAB, Comsol, StarCCM, Mathematica and more on different platforms. Also proficient in OS (Linux/Windows) installations.
- Scribed lecture notes in Latex.

Image Processing Computer vision

PUBLICATION

Deep No-Reference Tone Mapped Image Quality Assessment

Modeled tone mapped image quality calculator with deep learning and regression. Written Modeling scripts in Python and Matlab. The process of rendering high dynamic range (HDR) images to be viewed on conventional displays is called tone mapping.

PERSONAL FREE TIME PROJECTS

These projects are developed in .Net with C#, used Github to maintain source code. Listed few of them below and all other can be found <u>here</u>.

Windows Forms

TimeSheet - It is a Time sheet application to track development tasks. It can record a task and it's ID, some comment and few development attributes. It has a filter of From-date and To-date to download detail list as excel file to analyse.

Windows Presentation Forms(WPF)

FPropList - This will display file and folder properties in a selected folder. It will list all files and folders(internally it will calculate each file size and sum up all files and folder sizes), its size and last modified date

HumpSearch - It is a File name and content search application. It will search for file name and file content in selected folder, and display the result. Double click on the file will open the file content in other window for preview.

Xamarin Forms

BizNote - It is a Purchase, Inventory and Sales order manager. Create, search and update Item, Party. Create Purchase and Sales orders.

InventoryOrderManager - Developed sample application to track inventory. Features in this application include Create Item, Search Item, Update Item and Delete. Same operations from Orders as well. Order Line amount and total amount will be calculated automatically.