

RIYA KHEEVAY

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SUMMARY

Proficient Software Developer with an experience of 3 years in C, C++ and Python technology . Motivated to advance and expand my skillset through challenging projects.

TECHNICAL SKILLS

Primary skills : Python, C, C++

Secondary skills : GitHub, MISRA, HTML, CSS, Machine learning, Django, MS office,SQL, NumPy, Pandas, Matplotlib, Excel

Tools : Visual studio code, PyCharm, Eclipse, Jenkins, NI TestStand

WORK EXPERIENCE and PROJECTS

- **Software Developer ,
Tata Consultancy Services
Smart meter (Landis and Gyr)**

Feb 2022 - Present

- Worked as junior developer for UK based client (Landis and Gyr).
- Hands on experience in C, C++, Python development .
- Gained knowledge in Smart metering and IOT domain.
- Performed root cause analysis for bugs and provided fix .
- Fixed more than 10,000 MISRA C and C++ warnings for better safety, security and reliability of the software .
- Involved in client interactions and meeting the client requirements on daily basis.
- Worked with Agile Methodology .
- Provided KT sessions and trainings to team members to enhance their skills and knowledge.
- Participated in code reviews for development team .
- Conducted unit testing of code after implementing code changes for bugs in the software.
- Involved in maintaining documentation of different modules of the project .

- **ATC (Automatic Toll Collection system)**

VMM, Amritsar

- Built Automatic toll collection software based on text Recognition and Image Recognition
- Main purpose of the project is to detect the vehicle number of the vehicle passing through toll plaza using the camera and collect toll automatically according to vehicle type and pass type .
- Benefits of ATC : Time saving, record maintenance, avoid fuel loss, avoids toll evaders, free flow of traffic.
- Used Technologies like Python, Machine Learning, Open CV(Open Source Computer Vision Library, Jupyter Notebook, NumPy, Matplotlib, Pandas, MySQL
- Used Python 3.8 interpreter, PyCharm, Xampp, Window 10, Django server, MySQL for the software implementation.
- Used OCR-Optical Character Recognition technique . This technique allows to convert different types of documents such as scanned paper documents , pdf files or images captured by a digital camera into editable and searchable data.

● Joy Of Giving (Web App)

VMM, Amritsar

- Designed and implemented code for a web app that helps to donate unwanted things online and recipients can get it for free.
- Tools and Technologies used : Python , MySQL, Pycharm, Xampp, Django

CERTIFICATIONS

- **Certification in Python with Machine Learning Six Months Training from VMM Education, Amritsar.**
- **Certified with Python with Django under Six Months Training from VMM Education, Amritsar.**

EDUCATION BACKGROUND

- **Guru Nanak Dev University (Main Campus), Amritsar**
MCA (FYIC)
CGPA in B.C.A- 7.61/10
CGPA IN M.C.A – 8.14/10
Aug 2016 – Aug 2019
Aug 2019 – Dec 2021
- **Alpine Public School, Amritsar(I.S.C)**
+2 (Medical)
Percentage- 73%
April 2015 – May 2016
- **Alpine Public School, Amritsar(I.C.S.E)**
Matriculation
Percentage- 77%
April 2013 – May 2014

LANGUAGE PROFICIENCY

- English, Hindi and Punjabi

AWARDS and RECOGNITIONS

- Awards for excelling in the project in less time.
- Appreciations for achieving targets / delivering deliverables before deadlines.