

VIKAS PRAJAPATI

Noida, U.P. India

Email: vikasprajapati191198@gmail.com

Mobile: 9161589883, 9670446774

LinkedIn: <https://www.linkedin.com/in/vikas1998/>

GitHub: <https://github.com/VikasPrajapati1998/>

SUMMARY:

As a Software Engineer with over 6 months of experience at **MulticorewareInc.** I have proven expertise in Python, R Programming, C, C++, OOPs Concepts, Debugging, and Coding Standards (MISRA & AUTOSAR). My skills include MySQL, MongoDB, PostgreSQL, Deep Learning Models, Image Detection (Yolov5, Mask-RCNN), NLP and LLM models (LLAMA2). I am familiar with Jira ticket, Bitbucket, GitHub, Docker, and Linux/Unix. I am known for quickly resolving complex problems, improving customer satisfaction, and driving operational improvements. As an enthusiastic team player, I have a track record of cost savings and profit increase.

SKILLS:

- Python, OOPs, Django, Flask, Rest API, Fast API
- Web Scraping, BeautifulSoup4, Selenium
- C/C++, OOPs, Debugging, Static/Dynamic linking
- SQL, PostgreSQL, Oracle, MongoDB
- Bitbucket, Heroku, AWS (S3, EC2)
- HTML, CSS, JS
- Linux/Unix, VM
- R Programming, Statistics Analysis
- Coding Standard (MISRA & AUTOSAR)
- Apache Spark, Apache Kafka
- Data Structure & Algorithms
- GitHub, Jira, Docker
- NLP, LLM, CNN
- MSVS, PyCharm, Spider, Jupyter Lab

EXPERIENCE:

Software Engineer | (Multicoreware Inc Pvt Ltd – Chennai)

10/2023 – 04/2024

- Experienced in working with various deep learning models, including Max-ViT, YOLOv5, and Mask R CNN, to develop image classification, deep learning, and image segmentation solutions.
- Proficient in model conversion to ONNX format and quantization to INT8 format using different calibration methods, activation numbers, and weights.
- Leveraged the AIMET (AI Model Efficiency Toolkit) for model quantization to improve performance and efficiency. Skilled in understanding the inner workings of deep learning models and optimizing them for deployment in production environments.
- I have extensive experience in C++ development with a deep understanding of dynamic and static linking, Microsoft Visual Studio is complemented by proficiency in crafting CMake scripts to streamline project management and build processes.

EDUCATION:

- **PG-Diploma:** Big Data Analytics 08/2023
Center for Development of Advanced Computing, Bangalore
 - **B. Tech:** Electronics And Communications Engineering 10/2022
IET, Dr. Rammanohar Lohia Avadh University
 - **Intermediate:** PCM 05/2016
Radiant Central Children Public School, Jalalpur A.N. | CBSE
 - **High School:** 05/2014
Radiant Central Children Public School, Jalalpur A.N. | CBSE
-

HOBBIES AND INTERESTS:

- Traveling
 - Listening Music
 - Coding
 - Watching Fiction Movies
 - User Group Participation
-

LANGUAGES:

- Hindi: First Language
 - English: Fluent
-

PROJECT EXPERIENCE:

PROJECT: AI HEALTHCARE CHATBOT "CAREBOT"

- **Summary:** We have developed a user-friendly interface for our AI healthcare chatbot "*Carebot*". The chatbot allows users to easily communicate their health issues and receive information about possible diseases based on their symptoms. The chatbot also aids users in determining symptoms based on known diseases and recommends the nearest hospitals according to their condition.
- **Technology:** Python 3.9, Pandas, NumPy, Matplotlib, Seaborn, NLP, HTML5, CSS, MySQL
- **ML Algorithm:** Decision Tree Classifier.