

VIKAS PRAJAPATI

Software Engineer

Location: Noida, India

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PROFILE SUMMARY:

Highly accomplished Software Engineer with an established in rapidly resolve complex technical challenges, significantly enhancing customer satisfaction, and driving operational excellence. A collaborative team player with robust technical expertise and a goal-driven approach, consistently delivering outstanding results while optimizing costs, increasing profits, and exceeding expectations.

EXPERIENCE:

- Software Engineer** 10/2023 - 04/2024
MulticoreWare Inc | Chennai, Tamil Nadu, India
 - As a Software Engineer, I led collaborative efforts with cross-functional teams to design, develop, and deliver high-performance solutions that exceeded client expectations, ensuring seamless functionality, scalability, and optimal performance. I demonstrated exceptional project management skills by delivering projects on time through effective time management and prioritization.
 - Additionally, I conducted an in-depth analysis of technical solutions to ensure alignment with customer requirements and developed efficient, scalable, and maintainable code, ensuring long-term software sustainability and reliability.
 - Mastered C++ development with expertise in dynamic and static linking optimized build processes using CMake scripts, reducing compile times by 30% and enhancing project management efficiency by 40%.
 - Utilized expertise in deep learning models to develop and implement image detection and segmentation solutions, with proficiency in converting models to ONNX format and quantizing to INT8 format. Successfully leveraged AIMET for model quantization, achieving significant improvements in performance and efficiency.

EDUCATION:

- PG-Diploma in Big Data Analytics**
CDAC Bengaluru 03/2023 - 08/2024
- Bachelor of Technology in Electronics and Communication Engineering**
Dr. Rammanohar Lohia Avadh University, Ayodhya 07/2018 - 10/2022
- Intermediate in PCM**
Radiant Central Public Children Public School, Jalalpur 07/2014 - 05/2016

SKILLS & STRENGTHS:

- Python, OOPs, Django, Flask, Rest API, Fast API
- AWS, Apache Spark, Kafka, Bitbucket
- Linux/Unix, Shell Scripting, Virtual Machine
- Web Scraping, Selenium, BeautifulSoup, Data Visualization, Data Analysis
- C/C++, OOPs, CMake, Debugging, Static/Dynamic Linking
- SQL, PostgreSQL, Oracle, MongoDB
- R Programming, Statistics Analysis, Data Visualization
- GitHub, Jira, Docker, Kubernetes
- MSVC, PyCharm, Spyder, Jupyter Lab, Anaconda Navigator, Kaggle, Google Colab
- NumPy, Tensor, Pandas, Matplotlib, Seaborn
- CNN, NLP, LLM,
- HTML5, CSS, JavaScript
- Coding Debugging, Review, Testing, Development, Coding Standards (MISRA, AUTOSAR)
- Agile Methodologies, Multi-Tasking, Keen Learner, Fast Learner, Problem Solver, Team Collaboration, Team Reporting, Documentation

PROJECT:

- **AI Healthcare Chatbot “Carebot”**
 - **Summary:** We designed and developed a user-centric interface for the AI-powered healthcare chatbot, "Carebot", enabling users to intuitively report health concerns, receive symptom-based disease information, and access valuable resources, including symptom diagnosis, disease information, and geographically optimized hospital recommendations, thereby streamlining healthcare access and support.
 - **Technology:** Python, NumPy, Matplotlib, Seaborn, NLP, HTML5, CSS, MySQL.
 - **ML Algorithm:** Decision Tree Classifier
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