

Contact

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Top Skills

Python Programming & Libraries (NumPy, Pandas, PyTorch/TensorFlow, Scikit-learn)

Mathematics & Statistics (Linear Algebra, Calculus, Probability, Optimization)

Machine Learning & Deep Learning Algorithms

Manoj Rashinkar

Developer II

Bengaluru, Karnataka, India

Summary

Hello! I'm Manoj Rashinkar, a passionate AI/ML Engineer actively expanding my expertise into Data Science. With a strong foundation in developing and optimizing AI models — including LLMs (LLAMA, QWEN, Mistral, DeepSeek, Gemma), diffusion models (SDXL, SD 1.5, SD3, LoRA), and multi-modal models like Whisper — I have hands-on experience in deploying AI solutions using Python, OpenVINO Toolkit, ONNX Runtime, and Intel-based PC platforms.

My professional journey includes delivering AI-powered solutions, automating workflows, optimizing model performance, and integrating advanced ML models into real-world ISV applications. This experience has equipped me with deep technical skills and a problem-solving mindset, which I am now leveraging to transition into Data Science roles.

Skilled in:

Data Science & Analytics: Strong in data preprocessing, exploratory data analysis (EDA), statistical modeling, and extracting actionable insights from complex datasets.

Machine Learning & AI: Expertise in model development, fine-tuning, quantization, optimization, and deployment of LLMs, diffusion models, and speech recognition systems using Python, PyTorch, OpenVINO, and ONNX Runtime.

Python Programming: Proficient in data manipulation (Pandas, NumPy), machine learning (scikit-learn, TensorFlow, PyTorch), and building scalable AI pipelines.

Visualization & Storytelling: Skilled in Power BI and Tableau for transforming data into intuitive dashboards, enabling effective communication of data-driven insights.

I thrive on solving challenging problems, building end-to-end AI solutions, and continuously upgrading my skills by staying updated with the latest trends in AI, ML, and Data Science.

Seeking:

I am excited to collaborate on innovative Data Science projects that turn data into actionable business insights. Let's connect and explore how I can bring my AI/ML expertise and growing Data Science skills to your team!

Experience

UST

Developer II

May 2024 - Present (1 year 3 months)

Bengaluru, Karnataka, India

KLETech-Center of Excellence in Visual Intelligence (CEVI)

Intern

November 2022 - December 2022 (2 months)

Hubli, Karnataka, India

The Project Surface Defect Detection using Machine Learning was done under the guidance of CEVI.

Focused on providing visual intelligence-based solutions to real-world problems by facilitating visual intelligence inferences by generating engineered data customized for building specific/identified solutions.

SOC Experts

Web Developer

August 2022 - October 2022 (3 months)

Hubli, Karnataka, India

Developed new user-facing features using React.js. by Building reusable components and front-end libraries for future use by optimizing components for maximum performance across a vast array of web-capable devices and browsers.

Capgemini

Senior Software Analyst

May 2019 - February 2022 (2 years 10 months)

Bengaluru, Karnataka, India

- Oversee and monitor compliances with applicable laws and regulations of India including laws related to information technology
- Worked closely and creatively with other functions in their respective statutory compliances and provide support and guidance to internal teams on respective compliance matters.
- Primary responsibility for managing compliance management tools and preparation of the compliance reports at regular intervals.
- Updated on regulatory changes to various teams to align with new compliance requirements.
- Participated and lead group initiatives.
- Actively worked on training and building awareness.

Education

KLE Institute of Technology, HUBLI

Master of Computer Applications - MCA, Computer Science · (February 2021 - August 2023)

Karnataka University, Dharwad

Bachelor of Computer Application, Computer Science · (July 2016 - April 2019)

Nalanda Gurukula International Independent Residential Pre-University College

Pre University, Science · (February 2014 - May 2016)