

# Jagdish Singh Bhati

*Technical Manager with a Passion for AI & ML  
Proficient in Python, MLOps, TensorFlow, Spark  
Leading Cloud Solutions*

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## Professional Summary

- **Accomplished Senior Product Leader** with over 11+ years of experience in full-stack software engineering, focusing on the development and management of machine learning platforms across various domains such as media, banking, and health.
- **Leadership and Team Development** proven through building, training, and mentoring high-performing technical teams, leading machine learning projects from concept to scalable implementation.
- **Expert in Cutting-Edge Technologies** including Kubernetes, Docker, and Kubeflow, for creating efficient and scalable machine learning infrastructures.
- **Skilled in Cloud Services Implementation**, with extensive experience in AWS and GCP, enhancing system scalability, reliability, and achieving cost-effectiveness.
- **Champion of Agile Methodologies and Automated Testing**, significantly reducing post-release defects and elevating customer satisfaction through diligent quality assurance practices.
- **Versatile Technical Proficiency**, fluent in Python, Java, SQL, JavaScript, and modern web technologies, with deep expertise in SAAS architecture, and backend development with Django and FastAPI.
- **Strategic Use of Data Science and Analytics Tools**, proficient in Pandas, NumPy, SciPy, Scikit-learn, Matplotlib, TensorFlow, Tableau, OpenCV, OCR and NLP, enabling informed decision-making and innovative solutions.
- **Version Control Systems Savvy**, with expertise in Git, Gitlab, Bitbucket, and SVN, ensuring robust source code management and team collaboration.
- **Effective Communication Skills**, adept at engaging both technical and non-technical stakeholders, guaranteeing alignment on project objectives and deliverables.
- **Committed to Continuous Learning**, keeping abreast of the latest trends and technologies in ML platforms, ready to leverage innovation to drive business performance and improvement through strategic machine learning applications.

## Experience

### Senior Project Leader

*R Systems International*

*Mar 2022 – Present*

*Noida, Uttar Pradesh, India*

- Led the development and operationalization of a scalable content management system integrating machine learning algorithms to enhance media content curation and delivery, significantly improving user engagement and satisfaction.
- Spearheaded a cross-functional team of engineers, data scientists, and product managers to design and deploy machine learning models, using Python, Docker, Kubernetes, and Kubeflow, achieving a 20% increase in operational efficiency.

- Implemented best practices in software development and testing, ensuring high-quality code and robust ML model deployments across various cloud environments, including AWS and Azure.
- Fostered a collaborative culture that values innovation and continuous learning, mentoring engineers and data scientists to adopt new technologies and machine learning practices effectively.
- Managed project timelines, budgets, and resource allocation, ensuring all projects were delivered on time, within scope, and budget, enhancing team productivity and project visibility across the organization.
- Led and directed the recruitment and interviewing process to ensure strengthen the engineering team.
- Conducted regular code reviews, promoting a culture of continuous improvement and adherence to best practices.
- Orchestrated the end-to-end development lifecycle of a net new product, collaborating seamlessly with frontend, data platform, and data science teams, resulting in successful application development, testing, and release.
- Fostered a robust engineering culture characterized by exceptionally high standards for quality, ownership, and bias for action. Guided and empowered seasoned developers to produce high-quality software within a metrics-driven agile practice.
- Cultivated a passion for excellence among teams, inspiring a commitment to delivering high-quality products and services. Encouraged the authoring of clean, scalable, and performant code.

## Lead Analyst

*American Express*

*Jan 2016 – Jan 2022*

*Gurgaon, Haryana, India*

- Owned multiple projects, taking full responsibility for integrating and implementing business requirements from start to end.
- Led the technical development of a credit card processing system, incorporating machine learning techniques to detect and prevent fraudulent transactions, reducing fraud cases by 30%.
- Collaborated with remote teams across different time zones, coordinating development efforts and ensuring seamless integration of ML models into the banking platform.
- Drove the adoption of containerization and orchestration technologies, such as Docker and Kubernetes, to streamline development and deployment processes, resulting in a 25% reduction in go-to-market time for new features.
- Contributed to cross-functional teams as a technical leader, providing insights and guidance on leveraging machine learning to solve complex problems, enhancing team capabilities in ML practices.
- Ensured engineering best practices were adhered to, leading by example in writing clean, efficient, and correct code, and troubleshooting production issues with a high sense of ownership and urgency.
- Provided optimized solutions to support the overall architecture in a cost-efficient manner, including containerising applications using Docker and Jenkins CI/CD pipeline.
- Led the offshore team in handling business requirements, architecture design, implementation, testing, and deployment.
- Assisted with software development and related system tasks as assigned by management.
- Worked with the team to determine system configurations, input/output processes, and working parameters, ensuring compatibility and efficiency.
- Developed and implemented updates as required, ensuring proper documentation maintenance.
- Promoted a positive and inclusive team culture, optimized task assignments, facilitated regular check-ins, and provided coaching for professional growth.

## IT Specialist

*Fidelity Information Services*

*Jan 2013 – Jan 2016*

*Gurgaon, Haryana, India*

- Played a key role in a cross-functional team, delivering scalable and efficient solutions to complex problems.
- Provided technical mentorship to team members, fostering effective task completion and team cohesion.
- Progressed from UAT and manual testing to mastering automation testing, and engaged in all phases of the ML workflow.
- Coordinated weekly meetings, ensuring effective internal and external communication.
- Ensured prompt response to emails and written correspondence.
- Actively engaged in cross-functional team collaboration, integrating diverse team strategies.

## Education

### Masters in Science (Artificial Intelligence)

*Jain University*

*Jan 2022 – Dec 2023*

*Bengaluru, Karnataka, India*

### Bachelor of Commerce

*Manav Bharti University*

*Jul 2010 – Jun 2013*

*Solan, Himachal Pradesh, India*