

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 11+ years in full-stack software engineering, managing machine learning platforms in media, banking, and health sectors.
- **Proven Leadership in Team Development** through building, training, and mentoring high-performing technical teams, leading ML projects from concept to implementation.
- **Expert in Cutting-Edge Technologies** such as Kubernetes, Docker, and Kubeflow for scalable ML infrastructures.
- **Skilled in Cloud Services Implementation** on AWS and GCP, enhancing scalability, reliability, and cost-effectiveness.
- **Champion of Agile Methodologies** and automated testing, significantly reducing defects and elevating customer satisfaction.
- **Versatile Technical Proficiency** in Python, Java, SQL, JavaScript, and modern web technologies, with expertise in SAAS architecture and backend development.
- **Strategic Use of Data Science Tools** like Pandas, NumPy, SciPy, Scikit-learn, TensorFlow, Tableau, OpenCV, OCR, and NLP for innovative solutions.

Functional Skills

- Machine Learning
- MLOps
- Kubernetes
- Docker
- Kubeflow
- AWS
- GCP
- Python
- Java
- SQL
- JavaScript
- Agile Methodologies
- SAAS Architecture
- Data Science
- Cloud Solutions

Work Experience

Senior Project Leader

R Systems International, Noida, Uttar Pradesh, India

Mar 2022 – Present

- Developed and operationalized a scalable content management system integrating ML algorithms to enhance media content curation.
- Led a cross-functional team to design and deploy ML models, achieving a 20% increase in operational efficiency.
- Implemented best practices in software development and testing, ensuring high-quality code and robust ML model deployments on AWS and Azure.
- Fostered a collaborative culture valuing innovation and continuous learning, mentoring engineers and data scientists.
- Managed project timelines, budgets, and resources, delivering projects on time and within budget.
- Directed recruitment and interviewing processes to strengthen the engineering team.
- Conducted regular code reviews, promoting continuous improvement and adherence to best practices.
- Orchestrated the end-to-end development lifecycle of new products, collaborating with various teams for successful application releases.

Lead Analyst

American Express, Gurgaon, Haryana, India

Jan 2016 – Jan 2022

- Integrated and implemented business requirements from start to end, owning multiple projects.
- Developed a credit card processing system using ML to detect and prevent fraud, reducing fraud cases by 30%.
- Coordinated development efforts across time zones, ensuring seamless ML model integration.
- Adopted containerization and orchestration technologies, reducing go-to-market time for new features by 25%.
- Provided technical leadership in cross-functional teams, enhancing team capabilities in ML practices.

- Ensured adherence to engineering best practices, writing clean, efficient code and troubleshooting production issues.
- Provided optimized, cost-efficient architectural solutions, including containerizing applications using Docker and Jenkins CI/CD pipeline.

IT Specialist

Fidelity Information Services, Gurgaon, Haryana, India

Jan 2013 – Jan 2016

- Delivered scalable and efficient solutions to complex problems in a cross-functional team.
- Provided technical mentorship, fostering effective task completion and team cohesion.
- Progressed from manual to automation testing, engaging in all phases of the ML workflow.
- Coordinated weekly meetings for effective communication within the team.
- Actively engaged in cross-functional collaboration, integrating diverse strategies.

Education

Masters in Science (Artificial Intelligence)

Jain University, Bengaluru, Karnataka, India

Jan 2022 – Dec 2023

Bachelor of Commerce

Manav Bharti University, Solan, Himachal Pradesh, India

Jul 2010 – Jun 2013

Certification and Training

- Certified Kubernetes Administrator (CKA)
- AWS Certified Solutions Architect – Professional
- Google Cloud Professional Data Engineer
- TensorFlow Developer Certificate
- Agile Certified Practitioner (PMI-ACP)