John Kulkarni Principal Consultant - Machine Learning & Artificial Intelligence

Contact Information:

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Summary: Highly experienced and accomplished Principal Consultant with over 20 years of experience in Machine Learning, Artificial Intelligence, and software development. Skilled in a wide range of technologies including MERN, MEAN, PHP, .NET, and more. Proven track record of delivering high-quality projects for various clients across industries. Also an experienced freelancer with expertise in mobile app development using native and React Native tech stacks.

Professional Experience:

iMagic Solutions LLP (2002-Present)

- Principal Consultant - Machine Learning & Artificial Intelligence
  - Lead complex AI/ML projects from conceptualization to deployment, ensuring high-quality deliverables that meet client expectations.
  - Collaborate with cross-functional teams to design and develop innovative solutions leveraging AI/ML technologies.
  - Conduct thorough research on emerging trends in AI/ML and their applications in various industries.
  - Mentor junior team members and provide guidance on best practices for AI/ML development.

Freelance Experience:

- Mobile App Developer (2015-Present)
  - Developed multiple mobile apps for clients using native technologies (iOS, Android) and React Native.
  - Designed and implemented user-friendly interfaces, ensuring seamless user experiences.
  - Worked closely with clients to understand their requirements and deliver customized solutions.

Projects:

1. **Smart Home Automation System**: Developed an AI-powered smart home automation system for a leading home appliances company. The system integrated various sensors and devices to provide real-time monitoring and control of home environments. (MERN, MongoDB)
2. **Personalized Recommendation Engine**: Designed and developed a machine learning-based recommendation engine for a popular e-commerce platform. The engine analyzed user behavior and preferences to suggest relevant products, resulting in increased customer engagement and sales. (.NET, Azure ML)
3. **Image Recognition System**: Built an AI-powered image recognition system for a leading insurance company to detect fraudulent claims. The system utilized computer vision and machine learning algorithms to accurately identify and classify images. (MEAN, TensorFlow)
4. **Predictive Maintenance Solution**: Developed a predictive maintenance solution for a major manufacturing company using machine learning and IoT technologies. The system predicted

equipment failures and recommended proactive maintenance schedules, reducing downtime and improving overall efficiency. (PHP, AWS)

Technical Skills:

- Programming languages: JavaScript, TypeScript, Python, C#, Java
- Technologies: MERN, MEAN, PHP, .NET, React Native, native iOS/Android development
- AI/ML frameworks: TensorFlow, PyTorch, Azure ML, Google Cloud AI Platform
- Databases: MongoDB, MySQL, PostgreSQL
- Cloud platforms: AWS, Google Cloud, Microsoft Azure

Education:

- Bachelor's degree in Computer Science, XYZ University (1999-2002)

Certifications:

- Certified Machine Learning Engineer, ABC Institute (2018)
- Certified React Native Developer, DEF Academy (2020)

Achievements:

- Received the "Best Project" award at the 2015 AI/ML Conference for developing a chatbot using machine learning and natural language processing.
- Published several research papers on AI/ML applications in top-tier conferences and journals.

References: Available upon request.