# Job Buddy.AI

Your AI companion for a smoother job search - Save time and effort
with personalized resume guidance.

**Sri Charan Bodduna**
sricharan0246@gmail.com
https://www.linkedin.com/in/sri-charan-bodduna/

# Testing results of the application

## Test 1: Testing Percentage Match

Resume uploaded in repo.

## Job description Provided:

Qualifications:

5+ years' experience in AI, machine learning, and model development and deployment
Extensive experience in machine learning use case design, testing and deployment in IBM SaaS/Watson environment
Firm understanding of IBM cloud environment and its services
Demonstrable experience with IBM OpenPages platform, coupled with implementation and integration of machine learning algorithms using Watson capabilities
Demonstrable experience in working with Generative AI models, with a deep understanding of their capabilities, prompting strategies, model performance, and inherent limitations.
Extensive experience testing and using APIs
Strong statistical foundation, with in-depth knowledge of supervised, unsupervised, and semi-supervised machine learning models, with a particular focus on NLP/NLU
Solid understanding of data structures and data models
Understanding of conversational AI concepts, including intents, entities, dialogs trees, actions, journeys, and experiences
Experience in application development and UI and UX considerations
Experience in analytics, reporting, and visualization for the analysis and presentation of results. Cognos analytics experience is a plus
Possess an innovative, forward-looking, and imaginative mindset to continually reach for new horizons in audit innovation
Demonstrable experience working with stakeholders and exceeding their expectations
Take responsibility and accountability for planning, execution, and delivery
Positive attitude and a change-driven and change-oriented outlook
Adept at developing new ideas and improving current processes
Consider broad implications of decisions to different functions and units
Ability to thrive in a fast-paced, results-oriented environment
Excellent communication and interpersonal skills, with ability to develop strong working relationships and foster team collaboration

Possess excellent writing skills to deliver clear and concise messages, able to articulate complex concepts

Strong Presentation skills – comfortable with public speaking across various forums and be able to effectively and logically communicate when ideas are being challenged in an open forum

Familiarity with Financial Services industry and/or auditing a plus

Knowledge and Skills:

Analytics, AI, machine learning, natural language processing (NLP), natural language understanding (NLU), large language models (LLMs)

Generative AI prompt engineering and tuning

Design of AI/ML model performance metrics and optimization

SaaS environments, cloud computing

IBM Watson, Watsonx.ai, Watson Assistant, OpenPages, Cognos

Agile and waterfall project management methodologies; JIRA a plus

Intermediate to Advanced level Python coding

Advanced SQL

MicroStrategy, Power BI, Tableau, or other visualization software

Intents, entities, dialogs, actions, and related chat bot concepts are a plus

Education:

Bachelor's degree in Data Science, Computer Science, MIS, or related discipline.

CISA, PMP, Agile/Scrum, Cloud Computing, or related certifications are a plus.

Master's degree is a plus.

## AI response:

90% match.

The resume has a strong match to the job description, covering almost all the required skills and experience. However, there are a few minor gaps:

- **IBM OpenPages:** While the resume mentions "demonstrable experience with IBM OpenPages platform," it doesn't explicitly state the depth of experience with implementing and integrating machine learning algorithms using Watson capabilities within OpenPages.
- **Cognos Analytics:** The resume mentions Cognos Analytics as a plus, but it doesn't clearly demonstrate hands-on experience using this tool for analytics, reporting, and visualization.

- **Financial Services Industry:** Although the resume mentions familiarity with the financial services industry or auditing as a plus, it could benefit from adding more specific examples of projects or experience in this domain.

**Final Thoughts:** This resume is well-written and showcases strong technical expertise in AI, machine learning, and data science. The candidate possesses a diverse skillset and experience that aligns well with the requirements of the job. However, it could be strengthened by providing more specific details and examples related to the missing keywords. By addressing these gaps, the candidate can further enhance their chances of success.

# Test 2: Tell me about Resume

Same Job description and Resume used

## AI Response:

This candidate appears to be a very strong fit for the role, possessing a broad range of skills and experience that aligns well with the job description.

Strengths:

- Extensive AI/ML experience: The candidate has over 5 years of experience in AI, machine learning, and model development and deployment, which exceeds the minimum requirement.
- IBM expertise: Their experience with IBM's SaaS/Watson environment, including OpenPages and Watson capabilities, is a major plus, given the job's emphasis on IBM technologies.
- Generative AI expertise: The candidate demonstrates a deep understanding of generative AI models, their capabilities, prompting strategies, limitations, and testing experiences. This is a highly sought-after skill in today's market.
- Strong statistical foundation: Their knowledge of supervised, unsupervised, and semi-supervised machine learning models, with a focus on NLP/NLU, aligns perfectly with the role's requirements.
- Data and conversational AI understanding: Their knowledge of data structures, data models, and conversational AI concepts (intents, entities, dialog trees, etc.) showcases their well-rounded skillset.

- Proven track record: The candidate has provided concrete examples of their accomplishments, such as the 62% time reduction in ATS scoring using Gemini LLM, 98.8% accuracy in handwritten digit classification, and 20% improvement in ethical AI model performance.
- Strong communication and interpersonal skills: The candidate emphasizes their ability to communicate effectively, work collaboratively, and build strong relationships.
- Relevant certifications: The CISA and other certifications mentioned demonstrate a commitment to professional development and further enhance their suitability.

Potential Areas for Improvement:

- Specific details: While the candidate lists experience with various tools and technologies, providing more specific examples of projects or challenges tackled could further highlight their expertise.
- Cognos Analytics experience: The resume mentions Cognos Analytics as a plus, but it could be strengthened by detailing their level of experience and specific achievements using this tool.
- Financial services/auditing: Although the candidate mentions familiarity with the financial services industry and/or auditing, highlighting specific projects or expertise in this domain would be beneficial.

Overall: The candidate possesses a strong skillset and impressive experience that make them a competitive applicant for this role. The provided information suggests they have the technical proficiency, understanding of AI/ML applications, and communication skills to excel in the position. However, further detailing their specific achievements and experiences related to financial services and Cognos Analytics could further strengthen their application.

# Test 3: Improve skills

This feature answers skills that need to be improved which are present in Job Description but not in resume in a very detailed way.

## AI Response:

This resume showcases a strong foundation in AI, Machine Learning, and Data Science, but there are some areas that could be strengthened to align more closely with the job description's requirements.

Areas for Improvement:

- IBM Cloud Environment Expertise: While you mention understanding the IBM Cloud environment, the description emphasizes "extensive experience". You could strengthen this area by:
    - Gaining Certifications: Consider pursuing IBM Cloud certifications, such as IBM Cloud Professional Developer, IBM Cloud Solutions Architect, or relevant specializations.
    - Developing Projects: Create personal projects or contribute to open-source projects utilizing IBM Cloud services. This demonstrates hands-on experience.
    - Highlighting Experience: In your resume, focus on specific projects or responsibilities where you directly used IBM Cloud services and highlight the skills gained.
- IBM OpenPages Platform: The description specifically mentions "demonstrable experience" with IBM OpenPages. You should:
    - Obtain Hands-on Experience: If you haven't worked with OpenPages before, seek opportunities to learn and utilize it, perhaps through online tutorials, courses, or volunteer work.
    - Showcase Skills: If you have worked with OpenPages, quantify your experience. Did you implement specific features, integrate with Watson, or create custom solutions? Be specific.
- Generative AI: You mention experience with generative AI models, but the description emphasizes deep understanding of prompting strategies, model performance, and limitations. You can improve here by:
    - Experimenting with LLMs: Work with various LLMs like GPT-3, Bard, or other similar models. Experiment with prompting, fine-tuning, and evaluating their performance.

- ○ Learning Prompt Engineering: Learn best practices for prompt design, optimization, and how to overcome limitations in generative AI models. Consider online courses or workshops dedicated to this.
- ○ Documenting Your Findings: Create a portfolio showcasing your work with generative AI, including examples of prompts, model results, and your analysis of the results.
- ● Cognos Analytics: The description mentions Cognos Analytics experience as a plus. You should:
  - ○ Gain Practical Experience: If you don't have Cognos experience, explore tutorials, practice datasets, or seek opportunities to work with it, potentially through volunteering or small projects.
  - ○ Learn Key Concepts: Understand Cognos' data modeling, reporting, and visualization capabilities. You can use online resources, documentation, or community forums.

Actionable Steps:

1. Refine Your Resume: Tailor your resume to address the specific requirements of the job description. Quantify your experience, using specific examples and metrics whenever possible.
2. Target Skills Gaps: Prioritize the areas identified above based on your current experience and the importance of those skills in the target role.
3. Build Skills: Actively seek out opportunities to enhance your knowledge and practical experience in the areas identified. Online courses, certifications, personal projects, or volunteer work are good options.
4. Create a Portfolio: Showcase your skills and experience through a portfolio that includes projects, examples of your work, and documentation of your learning journey.

Remember, continuous learning and skill development are crucial in the fast-paced world of data science. By addressing these areas and demonstrating your dedication to professional growth, you'll be in a strong position to stand out in the job market.

# Test 4: Motivate me!

This feature gives you advice to motivate during the job hunting journey.

No job description and resume required!

## AI Response

Feeling the Frustration? Let's Turn This Around!
It's totally understandable to feel worried, frustrated, and even angry when you're job hunting. It's a tough process, and rejection can really sting. But remember, this isn't a reflection of your worth. You are capable, talented, and absolutely deserving of a job that fits you perfectly.

Here's how we can channel that energy into positive action, taking care of your mind, body, and spirit:

Mind:

- Shift the Focus: Instead of dwelling on the rejections, focus on what you can control. What skills can you improve? What new connections can you make? Make a list of things you're grateful for, no matter how small.
- Reframe the Narrative: Replace negative thoughts like "I'll never get a job" with empowering ones like "This is a learning opportunity. I'm getting closer to the right fit."
- Mindfulness & Meditation: Even a few minutes of quiet reflection can help calm your mind. Try breathing exercises or guided meditations to reduce stress and anxiety.
- Talk It Out: Vent to a trusted friend, family member, or therapist. Sharing your feelings can make a huge difference.

Body:

- Move Your Body: Exercise is a fantastic stress-buster! Go for a walk, hit the gym, dance, or try a new fitness class.
- Nourish Yourself: Fuel your body with healthy, energizing foods. Avoid overindulging in comfort food or caffeine.
- Get Enough Sleep: When you're sleep-deprived, everything feels harder. Aim for 7-8 hours of quality sleep each night.
- Take Breaks: It's easy to get caught up in the job search, but remember to take breaks for yourself. Go for a walk in nature, read a book, or simply relax and do something you enjoy.

Spirit:

- Connect with Your Passion: What are you truly passionate about? Use this time to pursue your interests, learn a new skill, or volunteer for a cause you care about.
- Practice Gratitude: Focus on the positive things in your life. A gratitude journal can help you remember all the good things, even on tough days.
- Seek Inspiration: Read biographies of successful people, listen to motivational podcasts, or attend workshops. Surround yourself with positive energy and inspiring stories.
- Remember Your Strengths: Make a list of your skills, achievements, and positive attributes. Remind yourself of your worth and value.

Practical Actions:

- Revisit Your Job Search Strategy: Is your resume and cover letter tailored to each job? Are you actively networking and attending career events?
- Seek Professional Help: Consider working with a career coach or mentor who can offer personalized guidance and support.
- Don't Be Afraid to Try Something New: This could be a different industry, a freelance opportunity, or even starting your own business. Be open to possibilities!

Remember: This is a journey. It may not be easy, but you are capable and resilient. Keep your chin up, stay focused on your goals, and remember that every step you take is bringing you closer to your dream job.

You've got this! 💪

# Test 5: Give LinkedIn Recommendations

This feature gives you a friendly recommendation message to send your friends, colleagues and co-workers. Feel free to edit/replace keywords in the response.

No job description and resume required!

## AI Response:

Hi [Name], hope you're doing well!

I'm reaching out because I'm currently looking for new opportunities as a data scientist. I'd be really grateful if you could write a recommendation for me on LinkedIn.

Your insights into my work at [Company name] would be incredibly valuable to potential employers.

Let me know if this is something you'd be comfortable with. Thanks so much!