Vivek Yadav

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Professional Summary

Driven and detail-oriented Software Developer with a strong foundation in Computer Science and hands-on experience in designing scalable systems and optimizing algorithms. Proven ability to develop innovative software solutions, streamline processes, and deliver high-quality results. Passionate about automation, data processing, and infrastructure optimization, with a commitment to continuous learning and team collaboration.

Education

VIT Bhopal University   Sept 2022 – June 2026

Bachelor of Technology in Computer Science

- **CGPA:** 8.43 (Current)

- **Relevant Coursework:** Computer Networks, Operating system, Database Management Systems, Cloud Computing, Computational Theory, Data Structures and Algorithms

Technical Skills

- **Programming:** Java, JavaScript, Python
- **Front-End Development:** HTML, CSS
- **Back-End Development:** Spring Boot, Django
- **Databases:** SQL, MongoDB
- **Tools & Technologies:** Git, MATLAB, AWS

Projects

Scalable E-commerce Platform:
- Developed a full-stack e-commerce platform capable of handling high traffic and large data sets.
- **Technologies Used**: Python, Django, JavaScript, SQL, AWS.

Algorithm Optimization for Data Processing:
- Created a real-time monitoring system for a micro services-based architecture, ensuring continuous feedback on system performance and quality.
- **Technologies Used**: Java, Spring Boot, Prometheus.

Certifications/Courses

- **Data Structures and Algorithms in Java** (by **Coding Ninja**)

- **Web Development** (by **Coursera**)

Core Competencies

- **Software Development:** Innovative Software Solutions, Next-Generation Software, Agile Methodologies
- **Problem Solving:** Debugging, Troubleshooting, Code Quality Improvement
- **Collaboration:** Team Communication, Technical Guidance, Software Design and Testing.
- **Team Collaboration**: Strong team player with a track record of delivering high-quality solutions in Agile environments.
- **Quality Assurance**: Focused on improving software quality through testing, debugging, and proactive monitoring.

Additional Information

- Open to relocation and available for immediate joining.

- Actively participating in #100DaysOf Code challenge to enhance problem-solving and coding skills.