VASAMSETTI ABHISHEK

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Summary

Results-driven and detail-oriented Software Developer with a strong foundation in full-stack development. Skilled in creating scalable web applications using Python, React, Flask, and MongoDB. Proficient in problem-solving, debugging, and database optimization. Experienced in Agile methodologies, API development, and responsive design, delivering innovative solutions tailored to client needs.

Education

Bachelor of Engineering in Computer Science (Artificial Intelligence)
Kakinada Institute of Engineering and Technology, Andhra Pradesh
Expected Graduation: 2025
CGPA: 7.9/10

Work Experience

Web Development Intern *IIIT Hyderabad*   **August 2023 – September 2023**

- Engineered 3 responsive AngularJS web applications, driving 25
- Architected scalable API integration strategies, successfully implementing 5+ endpoints and elevating back-end performance by 30
- Executed comprehensive quality assurance protocols, conducting rigorous functional and regression testing that mitigated post-launch defects by 15

Web Development Intern *Cognifyz Technologies*   **August 2023 – September 2023**

- Developed 4 dynamic web interfaces utilizing HTML5, CSS3, and JavaScript, delivering a 10
- Collaborated strategically with cross-functional teams to streamline frontend framework enhancements, reducing page load times by 15
- Proactively participated in agile development workflows, contributing to code reviews and optimization processes that accelerated project delivery by 12

Technical Skills

- **Programming Languages:** Python, C++, Java, JavaScript
- **Frameworks/Libraries:** React.js, Flask, Express.js, AngularJS
- **Databases:** MySQL, MongoDB
- **Developer Tools:** Git, VS Code, Anaconda, Google Colab
- **Specializations:** Full-Stack Development, RESTful APIs, Responsive Design, Cloud Services
- **Additional Skills:** Debugging, Security Best Practices, API Integration and Optimization

Hard Skills

- Frontend and Backend Development
- Scalable System Design
- Database Optimization and Test Case Execution
- Version Control (Git) and Documentation
- Code Review and Debugging
- Software Development
- Scripting

Soft Skills

- Analytical Thinking
- Initiative in Project Development
- Team Leadership and Collaboration
- Communication and Time Management

Certifications

- Python, Machine Learning, Artificial Intelligence
- Data Science, Salesforce, ChatGPT
- Modern Machine Learning: IIIT Hyderabad (Grade: A), SQL Intermediate
- Python Basics, Web Development Top Performer

Projects

Phone Book Application (MERN Stack)

- Designed a contact management app enabling CRUD operations with real-time updates.
- Enhanced UI for improved user experience and cross-device compatibility.

Job Portal (MERN Stack)

- Developed a job portal with a responsive interface using React and Vite.
- Integrated a dynamic navbar to improve navigation and accessibility.

Real-Time Chat Application

- Built a messaging platform using WebSocket and Node.js with a React-based UI.
- Implemented authentication and data persistence with MongoDB and JWT.

Accomplishments

- TCS CodeVita: Participated in TCS CodeVita Season 11, demonstrating competitive programming skills.
- Hackathon Winner: Awarded for innovative MERN stack solutions.
- Internshala Web Development Badge: Top Performer for project excellence.