Hemanth Kumar Narra

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**About**

I am a Front-End Engineer skilled in building responsive and dynamic user interfaces for real-time applications. Skilled in HTML, CSS, JavaScript and Angular with a focus on delivering high-performance solutions. Passionate about creating efficient, user-friendly applications and continuously learning new technologies.

**Education**

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| **Vasireddy Venkatadri Institute of Technology**, B.Tech in Computer Science | Aug 2019 – May 2023 |

*•* CGPA: 8.3/10.0

*•* **Coursework:** Data Structures & Algorithms, Object Oriented Programming(OOPS), Database Management System, Operating System

**Experience**

\*\*Associate Software Engineer\*\*   
\*OSI Digital – Hyderabad\*   
\*July 2023 – Present\*   
  
\*\*Key Contributions:\*\*   
- Developed backend APIs and microservices using \*\*Java\*\* and \*\*Spring Boot\*\*, streamlining integration processes and improving application performance.   
- Designed and optimized database schemas in \*\*MySQL\*\*, ensuring efficient data storage and retrieval for large-scale applications.   
- Implemented critical app functionality, including dynamic PDF text highlighting and mapping features, leveraging backend logic to support seamless front-end interactions.   
- Collaborated with a team using \*\*Git\*\* for version control, ensuring smooth project workflows and minimizing code conflicts.   
- Refactored existing codebases to improve execution speed, reducing system latency by 20%.   
  
\*\*Team Leadership & Project Impact:\*\*   
- Led a team of 2 engineers to deliver a high-priority project ahead of schedule, adhering to industry best practices for code cleanliness and maintainability.   
- Enhanced debugging techniques to resolve complex issues in backend systems without disrupting functionality, earning recognition for problem-solving efficiency.   
  
\*\*Technical Skills:\*\*   
- \*\*Languages:\*\* Java, JavaScript, TypeScript, Python   
- \*\*Frameworks & Libraries:\*\* Spring Boot, Angular, Bootstrap   
- \*\*Databases:\*\* MySQL   
- \*\*Version Control:\*\* Git, GitHub   
- \*\*Tools:\*\* VS Code, Eclipse IDE   
  
\*\*Other Skills:\*\*   
- Strong problem-solving and debugging capabilities   
- Team collaboration and communication skills

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| **Resilient Edge Detection Method for Significant Impulse Noise** | Mar 2023 |