

Gowtham Reddy

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SKILLS

- **Languages:** C, C++, Java and Adv. Java
- **DevOps Tools and Techniques:** Docker, Kubernetes and Linux.
- **Tools/Platforms:** MySQL, MongoDB and Spring Framework
- **Soft Skills:** Problem-Solving, Team Player, Project Management and Adaptability

INTERNSHIP

- **KR SOLUTIONS**

SDE Intern

Apr 2022 - Mar 2023

 - **About:** Designed and implemented a secure, user friendly login and registration page, seamlessly integrating it into the main project. Ensured smooth authentication, data validation, and user management for enhanced security and accessibility, providing a streamlined onboarding experience while maintaining system efficiency and reliability.
 - **Tech stacks used:** Java, JDBC and Spring Framework.

PROJECTS

- **Ant Linux Operating System :**

Jun 2024 – Aug 2024

 - Lightweight and high-performance Linux distribution based on Arch Linux, optimized for speed, efficiency, and minimalism.
 - Designed an intuitive and clean user experience with a minimal system footprint, catering to both beginners and advanced users.
 - Integrated a powerful Large Language Model (LLM) for intelligent automation, contextual assistance, and advanced problem-solving.
 - Enhanced developer and researcher productivity with AI-driven features and streamlined workflows.
 - Implemented key technologies, including Arch Package Manager, XFCE4 Desktop Environment, gtk-greeter, and Calamares Installer.
- **Student Database Management System (Desktop Application) :**

May 2023 – Jul 2023

 - Engineered SDMS, a standalone Database Management System (DBMS) tailored for universities and colleges, ensuring secure offline data management without web dependencies.
 - Developed dual-interface accessibility, providing dedicated portals for students and administrators, ensuring role-based security and seamless usability.
 - Architected a structured, high-performance system for effortless academic record management with intuitive navigation and robust data integrity.
 - Leveraged Java, JDBC, and Swing to build a responsive and efficient GUI, delivering a smooth, interactive user experience.

CERTIFICATES

- Certified in Java and Advanced Java from an AICTE approved board.

Aug 2022
- Complete Interview Preparation (Self-Paced) – Java by GeeksforGeeks.

Aug 2024
- ChatGPT Advanced Data Analysis Certification by Google | Coursera.

Dec 2024

EDUCATION

- **Lovely Professional University**

Bachelor of Technology - Computer Science and Engineering; **CGPA: 7.03**

Punjab, India
Since July 2023
- **Loyola Polytechnic (YSRR)**

Diploma in Computer Science; **Percentage: 80 %**

Pulvendula, Kadapa
May 2019 - June 2023
- **Sri Chanitanya School**

Matriculation; **Percentage: 100 %**

YSR Kadapa
April 2016 - March 2019