Dharani Satwika Komaravolu

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SUMMARY

Results-driven Software Developer skilled in C++, Python, and Linux systems, with experience in software architecture, debugging, and system integration. Passionate about developing high-quality solutions and optimizing performance in real-time environments.

INTERNSHIP EXPERIENCE

AI-ML Virtual Internship |AICTE | *October 2021 - December 2021*
- Hands-on experience in machine learning algorithms, AI model development, and data analytics, working with real-world datasets to build predictive models.

Salesforce Developer Virtual Internship | SmartInternz | *April 2022 - June 2022*

- Gained expertise in Salesforce fundamentals, process automation, and security protocols. Developed skills in Apex, Lightning Web Components (LWC), and API integrations.

PROJECTS

TASK MANAGEMENT SYSTEM MEDICATION REMINDER | University Of Texas At Arlington | *Sep 2024 - Nov 2024* | Arlington, TX
- Designed a healthcare platform featuring augmented reality for medication verification and machine learning algorithms for adherence analysis.
- Built with React Native and MySQL, delivering real-time notifications, secure data handling, and a user-friendly interface.

Smart Health Hub | University Of Texas At Arlington | *Jan 2024 - March 2024* | Arlington, TX

- Developed a comprehensive healthcare platform using React, MySQL, and Node.js.
- Implemented appointment scheduling, medication management, and real-time chat features.

Revolutionizing Urban Mobility | University Of Texas At Arlington | *Aug 2023 -Oct 2023* | Arlington, TX

- Developed an urban transportation optimization framework using genetic algorithms and K-means clustering.
- Improved bus scheduling efficiency and operational reliability with real-world data implementation.

SKILLS & CERTIFICATES

- **Programming Languages:** Python, Java, MATLAB.
- **Software & Frameworks:** React.js, Node.js, Django, MySQL.
- **Software Development:** Object-Oriented Programming, Software Architecture, System Integration.
- **Operating System & Tools:** Linux, Windows, Debugging, Compilers.
- **Interpersonal Skills:** Analytical Thinking, Problem-Solving, Team Collaboration, Communication
- **Certifications:** Ranked 4809 globally in TCS CodeVita Season 10.

EDUCATION

MS in Computer Science | University Of Texas at Arlington | 3.667 GPA
- **Specializations:** Intelligent Systems, Software Engineering.

Bachelors Of Technology in Computer Science | Lendi Institute Of Engineering And Engineering | 8.9/10 GPA