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| **Lakshmi Kamalanjali**  **Mandalika**  **Applying for:** |  |
| [kamalanjalimetta31@gmail.com](mailto:kamalanjalimetta31@gmail.com)  +91 8309452896  <https://github.com/Kamalanjali> | [Lakshmi Kamalanjali Mandalika](https://www.linkedin.com/in/lakshmi-kamalanjali-mandalika-4b5119188/) |

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| **Objective** |
| Motivated Computer Science graduate with 2+ years of professional experience as a Systems Engineer at Infosys, skilled in **MERN stack, Python, and SQL**. Published researcher with a strong foundation in **problem solving, software development, and teamwork.** Eager to contribute \_\_\_\_\_\_\_\_\_(specify company and post)\_\_\_\_\_\_\_\_\_by applying technical expertise, adaptability, and passion for **development, programming solutions** leveraging **emerging technologies** within a collaborative **office** culture. |

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| **Education** | |  | |
| **Bachelor of Technology (B. Tech)**  *Computer Science & Engineering*  *Dadi Institute of Engineering* and *Technology, Anakapalle*   * CGPA: 7.64 | | *June 2016 – May 2020* | |
| **Experience** |  | |
| **Systems Engineer**  *Infosys Ltd* | *Hyderabad, Telangana*  *September 2021 – November 2023* | |
| * Developed and maintained **full-stack web applications** using **MERN stack, Python, and SQL**, focusing on enhancing user experience in the **digital world** while employing efficient **verification** processes. * Designed and optimized REST APIs and database queries, improving performance by 20%. **Implemented productivity tools** that enhanced overall **productivity** and **supportability** of applications, ensuring adherence to **responsibility** metrics in line with **government** regulations. * Resolved 100+ client-reported tickets, acting as a key **employee** in troubleshooting and identifying root causes, delivering efficient fixes within SLA, demonstrating a strong **commitment** to **customer** **service** and offering **advice** on potential improvements. * Collaborated with cross-functional teams using Agile methodology to deliver high-quality features, showcasing effective **project management** and overcoming **challenges** in fast-paced environments. * Participated in software testing, debugging, and deployment to ensure reliability and compliance with coding standards, focusing on **quality measurement** with respect to **new technology** implementations. * Mentored interns in basic JavaScript and SQL problem-solving tasks, enhancing their **training programs** in a hands-on manner, preparing them for **entry-level positions** in the tech industry. | | |

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| **Technical Skills** |
| * **Languages:** Java, Python, C++, JavaScript (ES6+) * **Web Development:** MERN Stack (MongoDB, Express.js, React.js, Node.js), HTML5, CSS3, Bootstrap * **Databases:** MySQL, MongoDB, SQL Server * **Tools & Platforms:** Git, GitHub, Google Workspace, VS Code, Postman * **Other Skills:** Software Engineering, Problem Solving, Debugging, Agile Development, Unit Testing |

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| **Projects** |
| * **Annam: Home Foods – E-Commerce Website (MERN Stack) | Ongoing 🔗** [https://github.com/Kamalanjali/annam-Ecommerce-MERN-stack-project](https://github.com/Kamalanjali/annam-Ecommerce-MERN-stack-project%20)   + Developing a full-featured **MERN stack e-commerce application** focused on home-cooked food delivery, illustrating real-life application of software engineering and **serving** the local community.   + Implementing features such as **user authentication, product catalogue, shopping cart, and order management**, aligning with industry standards for seamless user interaction.   + Designed database schema in MongoDB and building REST APIs with Node.js/Express for seamless integration. * **Portfolio Website | In Progress 🔗** [https://github.com/Kamalanjali/MLK-Portfolio-site-2025](https://github.com/Kamalanjali/MLK-Portfolio-site-2025%20)   + Personal website showcasing **skills, projects, and publication**, built with responsive design and animations, reflecting a modern approach to **digital technology**.   + Highlights professional journey and technical capabilities using **modern web technologies** to demonstrate my potential in the global **universe** of software development, tailored for diverse audiences including prospective employers. |

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| **Publication** |
| **Automated Water Flow Control System in Overhead Tanks Using IoT and Mobile Application**   * Published in **Springer, April 2021** * Designed and implemented an IoT-based automation system with **sensors and a mobile app** to prevent water wastage, embodying the latest in **new technology**. * [https://link.springer.com/chapter/10.1007/978-981-33-4501-0\_74](https://link.springer.com/chapter/10.1007/978-981-33-4501-0_74%20) |

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| **Strengths & Professional Attributes** |
| * Strong **critical thinking** and **problem-solving** skills. * Ability to work both **independently** and **collaboratively** in fast-paced environments. * Enthusiastic about **emerging technologies** with a track record of continuous learning. * Excellent **communication and organizational skills** with a positive attitude towards all **person interactions**. |