

Lakshmi Kamalanjali Mandalika

Applying for:



✉ kamalanjalimetta31@gmail.com ☎ +91 8309452896 **in** [Lakshmi Kamalanjali Mandalika](#)
⌚ <https://github.com/Kamalanjali>

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.

Education

Bachelor of Technology (B. Tech)

June 2016 – May 2020

Computer Science & Engineering

Dadi Institute of Engineering and Technology, Anakapalle

- CGPA: 7.64

Experience

Systems Engineer

Hyderabad, Telangana

Infosys Ltd

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.

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

Projects

- **Annam: Home Foods – E-Commerce Website (MERN Stack) | Ongoing**
 <https://github.com/Kamalanjali/annam-Ecommerce-MERN-stack-project> 
 - 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> 
 - 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.

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 

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**.