

VIKAS KURIMELLY

+91 8008817121 Karimnagar, Telangana 505001

✉ kurimellyvikas@gmail.com [in vikas-kurimelly](https://www.linkedin.com/in/vikas-kurimelly) [vikas-kurimelly](https://github.com/vikas-kurimelly)

CAREER OBJECTIVE

Motivated Computer Science engineering graduate with strong foundations in Artificial Intelligence, Machine Learning, and Full-Stack Development. Passionate about building intelligent systems and scalable applications that solve real-world problems. Seeking an entry-level opportunity to apply technical expertise, problem-solving abilities, and collaborative skills to contribute to innovative projects and continuous organizational growth.

EDUCATION

JNTUH College Of Engineering Rajanna Sircilla

Bachelor of Technology in Computer Science and Engineering

Aug 2022 – July 2025

Rajanna Sircilla, Telangana

Government Institute Of Electronics

Diploma in Computer Engineering

Aug 2019 – May 2022

Secunderabad, Telangana

TECHNICAL SKILLS

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|-------------------------|---|
| Programming Languages : | Python, Java, C, C++ |
| Web Technologies : | HTML5, CSS3 (Tailwind, Bootstrap), JavaScript, React.js, Node.js, Django |
| Database Management : | MySQL, MongoDB |
| Developer Tools : | VS Code, Postman, Jupyter Notebook |
| Cloud Platforms : | Google Cloud Platform (GCP) |
| Version Control : | Git, GitHub |
| Core Concepts : | Object-Oriented Programming (OOP), Data Structures, Algorithms |
| Workplace Skills : | Effective communication, cross-functional collaboration, independent learning |

INTERNSHIPS

Full Stack Web Development Intern – EY GDS (via Edunet Foundation & AICTE)

Feb 2024 – Apr 2024

Next Gen Employability Program 2024

Remote

- Completed a 6-week internship focused on full-stack development using Django, JavaScript, and Bootstrap.
- Developed a Bus Reservation System with key features such as user authentication, bus search, seat booking, and booking history management.
- Designed responsive and user-friendly front-end pages integrated with a secure backend and SQL database.
- Collaborated in an Agile team environment, practicing version control and participating in code reviews on GitHub.

PROJECTS

Pneumonia Detection using Deep Learning

Python, TensorFlow, Streamlit

- Developed a convolutional neural network (CNN) model to classify chest X-ray images into pneumonia and normal categories.
- Built a Streamlit interface where users can upload X-ray images and receive predictions in real time.
- Applied techniques like transfer learning and data augmentation to improve model performance.
- Documented the workflow and results, making the project easy to understand and reusable for future research or extension.

ChefMate – AI Culinary Companion

MERN Stack, Gemini AI, Tailwind CSS, Cloundinary

- Created an AI-powered recipe assistant that suggests recipes based on detected ingredients from uploaded food images.
- Integrated Gemini Vision Pro API to recognize ingredients and generate context-aware recipe suggestions.
- Designed an interactive and responsive user interface with filters for region, dietary preferences, and cooking time.
- Implemented authentication and role-based access using JWT and MongoDB to ensure secure user interaction.

CERTIFICATES

Programming with Python – Skillup

Career Edge Young Professional – TCS ION

SQL and Relational Databases 101 – IBM

Google Cloud Skill Badges

Full Stack Developer Bootcamp – GeeksforGeeks

ACHIEVEMENTS

- Earned **Advanced Milestone** in Google Cloud Arcade Program Cohort 2 – 2024.
- Completed **427 hands-on labs**, 78 courses, 73 quizzes, and 27 games on Google Cloud Skills Boost.
- Finalist in Web Design event at the National Level Technical Symposium, JNTUH Rajanna Sircilla (2024).

DECLARATION

I hereby declare that the above information is true and correct to the best of my knowledge and belief.