

Rakshith Kumar S M

kumarrakshith187@gmail.com | 8073546214
Bengaluru | [Linkedin](#)

Objective

Python Developer with hands-on experience in full-stack development, data engineering, and deep learning projects. Skilled at building scalable applications and delivering production-ready solutions. Seeking to contribute to innovative software development teams with strong problem-solving and collaboration skills.

Skills

Programming Languages: Python, C, JavaScript, SQL

Frameworks & Libraries: Django, ReactJS, Redux, Keras, TensorFlow, scikit-learn,

Web Technologies: HTML, CSS, Tailwind CSS, Bootstrap

Internship Experience

Global Quest Technology, Bengaluru

Feb, 2025 -Jun, 2025

Full Stack Developer Intern

- Developed and maintained full-stack web applications using Python (Django) and MySQL, improving load time by 20%.
- Implemented secure authentication with Django Auth, reducing unauthorized access attempts by 30%.

Techshreshta Solutions LLP

GitHub and Java Intern

- Collaborated on Java-based backend development projects, utilizing Git and GitHub for version control, code reviews, and continuous integration workflows.
- Contributed to open-source repositories and internal tools, writing clean, modular Java code and resolving issues through pull requests and bug tracking.

Education

Moodlakatte Institute of Technology, Kundapura

2021 – 2025

B.E. in Computer Science and Engineering

CGPA: 8.24/10

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Computer Networks, Advanced Data Structures and Algorithms, Information Retrieval, Image Processing.

Project Work

- **Kidney Stone Diagnosis Using Deep Learning (2025):** Developed a kidney stone diagnosis system using Python, integrating CNN and SVM models for accurate detection. Implemented HOG-based feature extraction for SVM and applied image preprocessing for CNN. Utilized Keras/TensorFlow and scikit-learn for model development, and built a Tkinter GUI for dataset selection, image browsing, and model execution. Leveraged Pandas/NumPy for data handling and Matplotlib/Seaborn for performance visualization. Designed a hybrid CNN-SVM pipeline achieving **94% accuracy** on medical images.
- **Hotel Management System (2024):** Developed a full-stack hotel management system using Python/Django, featuring a RESTful API for smooth communication between frontend and backend. Implemented key functionalities such as room booking, guest management, and billing. Designed responsive web interfaces with HTML5, CSS3, Bootstrap, and JavaScript for an enhanced user experience. Followed Django's MVT pattern to integrate models, views, and templates effectively. Created role-based access control (Admin, Staff, Customer) using Django's authentication and permissions system. Built and tested REST APIs to enable dynamic and efficient hotel operations. Engineered REST APIs for bookings, billing, and guest management, reducing manual tasks by **40%**.

Certifications

Certified in Full Stack Development – Global Quest Technology

Certified in Java & GitHub Workflow – Techshreshta Solutions LLP

Certified in Microsoft Excel & UI Automation – UiPath