

Rakshitha N K

Backend Python Developer

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SUMMARY

Backend Python Developer with hands-on experience in building APIs using Django and integrating AWS services like S3. Skilled in writing clean, modular code, debugging, and working with SQL databases. Familiar with Python's multi-processing, threading, and RESTful architectures. Eager to solve real-world problems and contribute to scalable backend systems.

WORK EXPERIENCE

Python Intern, Buymore Infotech, Bengaluru, India **Dec 2024 - Mar 2025**

- Developed RESTful proxy APIs using Python to facilitate CRUD (Create, Read, Update, and Delete) operations on product data within the backend of the company's e-commerce platform.
- Implemented API endpoints for product image uploads, including generating pre-signed URLs for Amazon S3 to securely manage storage and retrieval of product images. This streamlined the process of adding new products to the platform.
- Tested and debugged Python code, ensuring high code quality and functionality.

EDUCATION

Govt. SKSJTI Bengaluru, Bengaluru, India - Bachelor of Engineering, ECE - GPA: **Dec 2020 - May 2024**
CGPA: 7.5

Akshara PU College - Intermediate, PCMB - GPA: (%): 89.66 **Jun 2018 - Mar 2020**

Govt, High School Issur, Mauritius - SSLC, - GPA: (%): 89.28 **Jun 2018 - Apr 2018**

CERTIFICATIONS

Python Full Stack Development, PySpiders Basavanagudi Bangalore **Dec 2024**

Python Programming, InternPe **Jun 2023**

Basics of Data Structures and Algorithms, Simplilearn SkillUp **Oct 2024**

PROJECTS

Colourization of Medical Image with Deep Learning

- Developed a deep learning system to colorize grayscale medical images, enhancing diagnostic accuracy.
- Tools/Technologies: Python, Tensor Flow.

Display Employee Details Using Django

- Designed a system to display and manage employee records using Django ORM.
- Integrated PgAdmin 4 for database management.
- Tools/Technologies: Django, PostgreSQL.

Blog Website

- Created a multi-user blog platform with user registration, authentication, and CRUD functionalities.
- Utilized Django forms and templates to build a dynamic interface.
- Tools/Technologies: Django, HTML, CSS.

SKILLS

Programming Languages : Python, OOPs Concepts, Advanced python, Multi-Processing, Threading

Database Management : Oracle SQL, PostgreSQL, Subquery, Joins, MySQL

Web Frameworks : Django, Rest Framework, Flask (basic)

Cloud : AWS (Amazon Web Services), AWS Lambda, Amazon S3

Development Tools : PyCharm, Jupiter Notebook, Visual Studio Code, Postman, Git

APIs : RESTful API Development & Integration