

Ramya Unnikrishnan

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Summary:

Versatile IT professional with 4.8 years of Python development experience and 4 years in the fitness industry, where I developed strong communication, leadership, and client management skills. Transitioning back into IT with newly acquired expertise in front-end technologies. My combination of technical proficiency and interpersonal strengths enables me to deliver innovative solutions and contribute effectively in fast-paced, collaborative environments.

Technical Skills:

- **Programming Languages:** Python 3.4, HTML5, CSS3, JavaScript
 - **Frameworks & Libraries:** Django, REST, Bootstrap, React
 - **Databases:** PostgreSQL, MySQL, MongoDB
 - **Operating Systems :** Linux
 - **Version Control Systems:** Git
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Career Journey:

- **Infosys Limited**
 - Systems Engineer from April 2013 to June 2015
 - Senior Systems Engineer from July 2015 to Dec 2016
 - **HCL Technologies**
 - Lead Engineer from Feb 2017 to Dec 2017
 - **Fitness Coach (Entrepreneurial Venture)**
 - Jan 2018 – March 2021
 - Founded and managed a fitness coaching business. Conceptualized and designed a dynamic web app for personal consulting, collaborating with a developer to bring the idea to life. The app allowed coaches to create diet and exercise plans, track client progress, and facilitate client engagement by allowing them to view, update, and monitor their progress. Gained valuable experience in business operations, client management, and the technical aspects of web app development.
 - **Career Break(Child Care)**
 - Jul 2021 – Feb 2024
 - Took a career break for childcare, during which I expanded my skills in Frontend Technologies
 - **Freelance Web Developer**
 - Feb 2024 – Present
 - Transitioned into freelance web development, utilizing Frontend Technologies to build responsive, SEO-optimized websites
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Work History:

Company: Infosys Limited

Client: Baker Hughes

Experience: Apr 2013 – Jun 2015

Location: Bengaluru, India

Project: Automation for Network Operation Support

Project Brief:

While working as a Network Operation Engineer for Baker Hughes, I proactively identified networking tasks that could be automated. This initiative allowed me to transition my career from Network Engineer to Python Developer.

Responsibilities:

- **Network Operations:** Handled incidents, changes, problems, configurations, and service requests for wired and wireless LAN, VOIP, and WAN infrastructure.
- **Automation with Python:** Automated extensive network activities using Python scripts for tasks such as backing up configurations, adding and retrieving VLAN information, and managing ACLs across thousands of routers in Baker Hughes' global network.
- **Firewall Log Analysis Application:** Developed a Python application to read and analyze firewall sys-logs (up to 1 GB file size), extract firewall rules through pattern searching, and compute total hit-counts between specific source and destination IPs. The application outputs organized data into folders based on Firewall IP, with CSV files categorizing rules by action (permit/deny/denied).

Technologies Used:

Python 3.4

Company: Infosys Limited

Client: Telstra

Experience: Jul 2015 – Dec 2017

Location: Bengaluru, India

Project: Cloud & Data Center Integration (CDCI)

Project Brief:

Developed a Django-based application for Telstra, enabling users to provision, connect, and manage services with multiple cloud service providers. Utilized Django REST Framework for API integration and hosted the application on OpenShift (Red Hat's PaaS).

Responsibilities:

- **Python Development:** Maintained the application and developed new features.
- **RESTful API Development:** Participated in developing RESTful APIs to integrate with various cloud service providers.
- **CRUD Operations:** Developed CRUD APIs for managing dynamic connections.
- **Orchestration:** Implemented orchestration for end-to-end connections.
- **Network Validations:** Implemented various network validations to ensure robust and secure connections.

Technologies Used:

- **Programming Language:** Python
 - **Framework:** Django, Django REST Framework
 - **Platform:** OpenShift (PaaS by Red Hat)
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Company: HCL Technologies

Job Title: Lead Engineer

Client: John Deere

Experience: Feb 2018 – Dec 2018

Location: Pune, India

Project: XML to CSV Conversion Automation

Responsibilities:

- **Script Development:** Created a Python-based tool to parse and convert complex XML files with nested elements into structured CSV files.
 - **Data Management:** Engineered the solution to efficiently process hierarchical data, handling repeated elements and optional fields while maintaining data integrity.
 - **Process Automation:** Automated workflows to streamline data processing, significantly reducing manual effort and eliminating errors.
 - **Collaboration:** Partnered with John Deere's Data Enablement team to gather requirements and deliver a robust, scalable solution tailored to their needs.
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Company: Freelancer

Client: Persona Beauty Salon

Experience: Feb 2024 - Apr 2024

Website: <https://personabeautysalon.in/>

Description:

Designed and developed a responsive, SEO-optimized website to enhance the online presence of a small business, achieving first-page Google rankings and increased audience reach.

Responsibilities:

- **Business Analysis:** Conducted thorough business analysis to ensure alignment with the client's brand identity and objectives.
- **Website Design:** Designed the website, incorporating user-friendly navigation and visually appealing elements to enhance engagement.
- **Development & Deployment:** Developed and deployed a responsive website utilizing advanced techniques to optimize performance, accessibility, and search engine visibility.
- **Performance Optimization:** Implemented image and page optimization strategies to achieve fast loading times and improve user experience.
- **Accessibility Integration:** Integrated accessibility features, including ARIA roles and semantic HTML elements, to ensure inclusivity for all users.
- **SEO Execution:** Executed SEO strategies to enhance the website's visibility and rankings on search engine results pages (SERPs), driving organic traffic.
- **Ongoing Support:** Provided ongoing technical support to the client for website management and content updates, ensuring smooth operation and timely updates.

Academic Profile:

B.Tech., (Information Technology) with a score of **8.0 CGPA** from Dr. Mahalingam College of Engineering and Technology, Anna University, Tamil Nadu, India.

Personal Details:

Full Name : Ramya Unnikrishnan
Nationality : Indian
Current Location : Dallas, Texas
Date of Birth : 13th Nov 1990
Visa Type : L2