CAREER OBJECTIVE

A competent professional targeting a career as a Python Developer, emphasizing expertise in full-stack development, data science, and automation to create impactful solutions that drive efficiency and innovation in various sectors.

CONTACT

📱 +91-9042149858

✉️ ragavendhiransekar21@gmail.com

in linkedin.com/in/ragavendhiransekar

⌗ github.com/ragavendhiransekar

CORE COMPETENCIES

Software Development Life Cycle

Agile Methodologies

Data-Driven Decision Making

Web Scrapping

User Test Cases

Predictive Analytics

User Experience Design

Cloud Infrastructure Management

Application Performance Optimization

Data Analysis and Processing

Business Process Automation
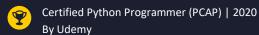
Cross-Functional Team Collaboration

EDUCATION

● **Bachelor's Degree | 2014 – 2018**
Electronics & Communication Engineering
Anna University, Chennai

CERTIFICATIONS

🏆 Certified Python Programmer (PCAP) | 2020
By Udemy

🏆 Generative AI | 2024
By Codecademy

SOFT SKILLS

- Communication
- Collaboration
- Problem Solving
- Analytical
- Critical Thinking

RAGAVENDHIRAN S
PYTHON DEVELOPER
Immediate Joiner

PROFILE SUMMARY

- Over **3 years in software development**, focusing on **Python programming, data science, and automation,** particularly within the technology industry.
- Driving the **design & implementation of robust applications as Python Developer**, improving **operational efficiency** and **optimizing data management** processes.
- Cultivated a diverse skill set that includes **full-stack development, data analysis, and web scraping**, prioritizing the use of **contemporary frameworks** and libraries to produce **superior solutions.**
- Developed **automated scripts that effectively scrape** & **process pricing data** from various international sources, thereby improved **data accuracy & accessibility.**
- Exhibited **exceptional analytical & problem-solving capabilities**, supported by proficient **communication and collaboration skills** that promote teamwork and contribute to successful **project outcomes.**
- Expertise in **cloud technologies & DevOps methodologies**, guaranteeing smooth **deployment & management** of applications within ever-changing environments.
- Led a recent initiative focused on **creating a predictive maintenance application**, which enhanced operational insights & **minimized downtime for essential systems.**
- Strong knowledge of **machine learning algorithms** and **data visualization methods**, facilitating the development of **insightful data-driven applications** that aid in **strategic decision-making.**
- Proficient in **leveraging advanced Python libraries and frameworks**, such as **Django and TensorFlow,** to develop scalable applications that meet **complex business requirements**.
- Committed to **continuous professional development**, actively pursuing **new technologies and methodologies** to stay ahead in rapidly **evolving tech landscape.**

Career Highlights:

- **Bug Testing (PhonePe):** Identified & reported 5 critical bugs, improved app stability by 20%.
- **Web Scraping Solution:** Developed a VPN-compatible scraping tool that increased data extraction speed by 30%.
- **OCR for Images:** Enhanced text recognition accuracy by 25% using advanced image preprocessing and Tesseract OCR.
- Successfully **implemented a data scraping solution** that increased the **accuracy of pricing data by 50%** leading to more **informed business decisions** and enhancing the overall effectiveness of the **pricing analysis team.**

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, JavaScript
- **Frameworks & Libraries:** Django, Flask, FastAPI, NumPy, Pandas, TensorFlow, PyTorch, Scikit-Learn, Seaborn
- **Web Development:** RESTful APIs, HTML, CSS, JavaScript, ReactJS, BeautifulSoup, Scrapy
- **Data Science:** Data Cleaning, Visualization, Statistical Analysis, Machine Learning, NLP
- **DevOps & Cloud:** Docker, Kubernetes, AWS, Azure, Google Cloud
- **Database Management:** SQL, MongoDB, SQLAlchemy, Django ORM
- **Big Data:** Hadoop, Spark
- **Automation Tools:** Selenium, Puppeteer, Ansible
- **Version Control:** Git, CI/CD pipelines

CAREER TIMELINE

savvy

Radome Technologies & Services Private Limited

| Mar'21 – Dec'21 | Dec'21 – Mar'23 | Sep'23 – Mar'24 | Jun'24 – Dec'24 |

AOSTA

GPI Global Pricing INNOVATIONS

Python Developer at Pricing Innovations Solutions Pvt. Ltd., Mumbai | Jul'24 – Dec'24

Key Result Areas:

- Engineered sophisticated Python scripts to extract and analyze pricing data from various international e-commerce platforms, ensuring comprehensive coverage across 12 countries.
- Conducted extensive data processing and cleansing operations, transforming raw data from diverse sources such as Excel and PDFs into structured formats using advanced libraries like Pandas and NumPy.
- Established and maintained CI/CD pipelines utilizing Azure Databricks, facilitating automated execution of data processing tasks and ensuring timely delivery of results to Azure Blob Storage.
- Collaborated with cross-functional teams to define project requirements and deliverables, ensuring alignment with organizational goals and client expectations.
- Developed comprehensive documentation for all scripts and processes, enhancing knowledge transfer and facilitating future maintenance and updates.
- Monitored and optimized the performance of data extraction scripts, implementing enhancements that significantly reduced processing times.

Python Developer at Radome Technologies and Services Pvt. Ltd., Bengaluru | Sep'23 – Mar'24

Key Result Areas:

- Conceptualized and developed PROHM+, an innovative predictive maintenance application for flight engines, utilizing Django, React, and MongoDB, hosted on AWS for optimal performance.
- Designed & implemented advanced image analysis tools leveraging TensorFlow & Tkinter, enabling the detection of defects in tires with high accuracy.
- Executed large-scale data scraping initiatives, successfully gathering information for over 50,000 products from various e-commerce platforms, thereby automating and streamlining workflows.
- Conducted rigorous testing and debugging of applications to ensure functionality and performance met established standards and user expectations.
- Engaged in continuous integration practices, ensuring that code changes were systematically tested and deployed to production environments.
- Provided technical support and guidance to team members, fostering a collaborative and knowledge-sharing environment.
- Maintained up-to-date knowledge of industry trends and emerging technologies, applying insights to enhance project outcomes.

Software Engineer (Python) at Aosta India Pvt. Ltd., Coimbatore | Dec'21 – Mar'23

Key Result Areas:

- Architected and developed full-stack applications tailored for the healthcare and insurance sectors, utilizing Django and React to create seamless user experiences.
- Created and deployed tools for PDF manipulation, including OCR, merging, and conversion, hosted on AWS and Azure to ensure high availability and performance.
- Automated complex browser actions and data extraction processes using Selenium, Pandas, and NumPy, significantly enhancing data collection efficiency.
- Engaged in code refactoring and optimization efforts, improving code maintainability and reducing technical debt.
- Participated in agile ceremonies, contributing to sprint planning, retrospectives, and daily stand-ups to ensure project alignment and progress tracking.

Programmer Analyst (Python) at Savvysoft Technologies, Chennai | Mar'21 – Dec'21

Key Result Areas:

- Automated payroll timesheet entries using Selenium, significantly reducing manual data entry errors and improving overall payroll accuracy.
- Developed a comprehensive payroll management web application utilizing Django and MySQL, streamlining payroll processes for clients.
- Created a robust web scraping solution to collect data and images from 100+ websites, optimizing data processing times and enhancing data quality.

PERSONAL DETAILS

Date of Birth   : 20th August 1996

Languages Known   : English, Tamil