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

- П
- +91-9042149858
- **×**
- ragavendhiransekar21@gmail.com
- in li
- linkedin.com/in/ragavendhiransekar

github.com/ragavendhiransekar

CORE COMPETENCIES

Software Development Life Cycle



Agile Methodologies



Data-Driven Decision Making



Web Scrapping



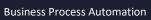


User Experience Design

Cloud Infrastructure Management

Application Performance Optimization

Data Analysis and Processing



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, Bash
- Frameworks & Libraries: Django, Flask, FastAPI, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, PyTorch
- Web Development: RESTful APIs, HTML, CSS, JavaScript, ReactJS
- Web Scraping & Automation: BeautifulSoup, Scrapy, Requests, Selenium
- Data Science & Machine Learning: Data Cleaning, Data Visualization, Statistical Analysis,
 Feature Engineering, Machine Learning, Deep Learning, NLP, Model Deployment
- Cloud & DevOps: Docker, Kubernetes, AWS (EC2, S3, Lambda), Azure, Google Cloud Platform (GCP), IBM Cloud
- Database Management: SQL, PostgreSQL, MongoDB, SQLAlchemy, Django ORM
- Big Data Technologies: Hadoop, Spark (PySpark)
- Version Control & CI/CD: Git, GitHub, GitLab, CI/CD Pipelines (GitHub Actions, Jenkins)
- Testing & Documentation: Postman, Pytest, Unit Testing
- Operating Systems: Linux, Windows, MacOS
- Others: Tesseract OCR, Tkinter (GUI Development), OpenCV

CERTIFICATIONS:

 Crash Course on Python – Coursera (Authorized by Google) <u>coursera.org/verify/S42CKONWLCH9</u> – March 18, 2025

WORK EXPERIENCE

Python Developer (Contract, Full-Time) at Global Pricing Innovations (Pricing Innovations Solutions Pvt. Ltd.), Mumbai | Jul'24 - Dec'24

Kev 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