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|  | |  |  | | --- | --- | |  | **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 | |  | [linkedin.com/in/ragavendhiransekar](http://linkedin.com/in/ragavendhiransekar) | |  | [github.com/ragavendhiransekar](https://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, 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)  [coursera.org/verify/S42CKONWLCH9](https://coursera.org/verify/S42CKONWLCH9) – March 18, 2025 |  |
|  | |  |  | | --- | --- | |  | **WORK EXPERIENCE** |   **Python Developer (Contract, Full-Time) at Global Pricing Innovations (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 | | | |  |