

RUPALI SINGH
Software Developer
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SUMMARY

Experienced Software Developer with 5 years in agile environments. An adaptive learner and collaborative professional, proficient in modern technologies such as Python, PHP, and JavaScript.

EXPERIENCE

Data Analytics, Softech AI (Part-time Consulting)

April 2024-Present

- Contributed to a project with Walmart corporation, enhancing a machine learning model for improved predictive analysis.
- Created insightful visualization using Matplotlib and Seaborn and a dashboard using PowerBI.

Software Developer, Whitehats Cybertech Pvt Ltd

2019-2024(March)

- Held meetings with clients to understand their requirements.
- Design and develop the data privacy, GRC automation, and compliance software using Python, PHP, and using SQL, and MySQL databases.
- Created a dashboard to visualize overall data which further helped clients to grow their businesses and generate more revenue.
- Maintaining version control with the team using GIT daily.
- Deployed the software on AWS and Azure cloud platforms to facilitate customer demos.
- Resolved software bugs by connecting to the Remote Desktop Protocol (RDP)
- Collaborated with the QA team to ensure efficient test coverage and wrote code that was tested using the pytest framework.
- Deployed the completed software either on the SAAS platform or customized it for the customer's specific system requirements.
- Successfully debugged and solved various critical bugs, preventing inventory import issues for key clients.
- Mentored junior teammates on the technical aspects of product and stack.
- Designed and deployed software solutions for prominent clients including CAMS, OAB, Quinnox, and the Supreme Judicial Council (SJC) in Saudi Arabia.

TECHNICAL SKILLS

Programming Languages	Python, PHP
Scripting Languages	JavaScript, Typescript
Markup Languages	HTML, XML
Style Sheet Languages	CSS, Bootstrap
Library	JQuery, ReactJS
Operating Systems	Mac OS, UNIX, Windows
Tools and IDEs	Jupyter, Tableau
Service Oriented	XML, JSON, Ajax
Databases	SQL, MySql
Versioning System	Git
Frameworks	Django, Pyspark, Laravel
Projects Worked	(Asset, Vulnerability, Risk, Third-Party, Policy, Audit) Management, ISO27001, Regulatory Compliance (SEBI, SAMA, NDMO, HIPPA, Qatar), PCI

ACADEMIC PROJECTS WORKED

Analyzing the trend of Covid-19_- Python, Pandas, ML

- Developed and fine-tuned a predictive model using Python, Pandas, and Machine Learning to gauge the risk associated with COVID-19 cases and fatalities on a global scale.
- Made use of various open datasets, encompassing information on Covid-19 cases, recoveries, and deaths. This data was instrumental in pinpointing key features that could help differentiate the Covid-19 trends across different countries.

Job Portal (Recruit Linker)- Python, Django, Pandas

- A digital platform that links job seekers, Recruiters, and Companies.
- Job seekers can create profiles, upload resumes, and search the job opportunities based on specific criteria.
- Employers can post job listings, find suitable candidates, and manage the recruitment process through the portal.

PROFESSIONAL DEVELOPMENT-(CURRENTLY ENROLLED)

Advanced Certification in Data Science and Artificial Intelligence (AI)

Developed Skills/Acquired Competencies-Data handling with Numpy, Data manipulation using Pandas, Data Science, Data Analysis, Artificial Intelligence, GIT, MLOPS, Data wrangling, SQL, Machine learning, Prediction algorithm, NLP, Pyspark, Data Visualization, Azure Data Factory.

EDUCATION

Bachelor of Technology (Hons.), Computer Science

2013-2017

(Equivalent to Canadian Bachelor of Engineering in Computer Science)

Dr. Abdul Kalam Technical University, Noida, India