Ritik Shukla *Software Engineer*

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PROFESSIONAL EXPERIENCE

Icertis

Associate Software Engineer   07/2022 – Present | Pune, India
- Developed a microservices application using C# and RestAPIs to configure tenant infrastructure and configuration details, Created a service that utilized Azure Services to fetch, modify, and update complex nested JSON files via API. Collaborated with the team to ensure that efficient and scalable code was written for the service.
- Demonstrated strong problem-solving skills in addressing complex issues with JSON data manipulation. Successfully integrated the service into the larger microservices architecture, contributing to the overall success of the project.
- Developed and integrated a logging solution for the microservice application into Azure Log Analytics Workspace using the Serilog library, leveraging its sinks and enrichers for effective logging.
- Developed microservices with API CRUD operations to facilitate tenant configuration changes, implementing stored procedures to modify multiple database tables with varying constraints.
- Conducted analysis and mapping of two complex databases with over 10,000 records, making necessary changes to improve database performance and functionality.
- Updated and deployed Windows Service application, used as a background process by ICM Application, to a Kubernetes container, ensuring seamless and efficient performance.

Product Engineer Intern   01/2022 – 06/2022 | Pune, India
- Contributed to the development of ICM (Icertis Contract Management) Tools, a key product for contract management at Icertis.
- Developed a data extraction feature using REST APIs to extract data from Azure containers.
- Transitioned the logging process and implemented an efficient and centralized logging solution in .NET by directing all logs to the Azure Log Analytics Workspace, resulting in improved log management and analysis.
- Developed a feature in ICM tools that enabled clients to upload custom deployment plugins to modify the ICM application according to their specific requirements.
- Implemented a new feature in ICM Tools that enabled listing the number of tenants hosted on each Azure region for improved monitoring and management.

EDUCATION

B.E. In Computer Science, *GH Raisoni College Of Engineering*   2019 – 2022 | Nagpur
CGPA: 9.10

Diploma In Computer Technology, *Shri Datta Meghe Polytechnic*   2016 – 2019 | Nagpur
Score: 79.82%

Class X, *Saraswati Vidyalaya*   2015 – 2016 | Nagpur
Score: 81%

SKILLS

Hard Skills (C#, Python, SQL, .NET Core, HTML, JavaScript, Azure, Docker, Kubernetes, RestAPI, Microservice, JSON, Serilog, MVC, Git, Postman, Visual Studio, Microsoft Office, Linux.)

Soft Skills (Communication, Adaptability, Collaboration, Problem Solving.)

PROJECTS

Search Analysis   11/2021 – 01/2022
- Developed a Search Engine script using Python & Scrapy to extract web results for Shows, Courses, and Stocks within 10 seconds.
- Applied various analysis techniques, including Machine Learning, to present the results in a user-friendly format. Project involved data extraction, analysis, and presentation.

Scrapping Stocks Highlights   01/2021 – 02/2021
- Developed a web scraping script in Python using Scrapy framework to extract daily Indian stock market highlights.
- Utilized Panda for efficient data manipulation and stored the extracted data into a CSV format within 5 seconds.

ACCOMPLISHMENTS

HackerRank Badges, *HackerRank*   04/2021
Achieved 5-Star Practice Badge on HackerRank in Problem Solving, Python Programming, and SQL.

Class Topper Award, *GHRCE*   09/2020
Awarded 2nd rank in class with 9.27 CGPA.

Project Competition Runner Up, *SDMP*   03/2019
Awarded 2nd prize in a project competition for developing a social android app for college.

ADDITIONAL

Certificates, *Online Certifications*
Obtained certificates for the following courses: API's In .NET Core, C# Language, Python Programming, and SQL Bootcamp.

Publication, *Python 3 WorkBook*   07/2022
Authored a book containing 80 sets of exercises on Python to help readers revise their skills on basic to intermediate topics.

Volunteer, *IEEE*   08/2021
Organized and hosted multiple college events, meets, and competitions as a dedicated member of IEEE at GHRCE.