

Subham Soni

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CERTIFICATES

ONLINE

Spring: The Big Picture
Spring Framework: Spring Fundamentals
Log4j Vulnerability
Learning Python
Micro-service Foundation
Learning the Python 3 Standard Library
Programming Foundations: Algorithms
Grokking the System Design Interview

SKILLS

TECHNICAL SKILLS

Proficient with:

Python • Linux • Java

Familiar with:

Data Structures • Algorithms

AWS • MongoDB • Spring

Microservices • Spring Framework

ACHIEVEMENTS

- Ranked **106/28991** in **Scaler CodeX 2.0**
- Ranked **256/20463** in **LC Contest 276**
- Got three **level 2** WOW Awards and one **level 1** WOW Award at Veritas.
- **RAVE** Gold recognition at Credit Suisse.
- **Rank 23** in sf2442 hackathon on CodinGame.
- **500+** problems solved over LeetCode.
- **1927+** GitHub contributions in the last year.

HOBBIES

- I like to read books technical and non-technical.
- I also like listening to various podcasts from successful people
- Helping and guiding others.

EDUCATION

BITS PILANI HYDERABAD

B.E.(HONS.) IN COMPUTER SCIENCE
Aug 2014 - Aug 2018

LINKS

Github:// [subham-soni](#)

LinkedIn:// [subham-soni](#)

LeetCode:// [subham-soni](#)

HyperSkill:// [subham-soni](#)

EXPERIENCE

CREDIT SUISSE | ENO 2

February 2021 - Present | WFH

- Spearheaded a mentor recommendation system for an internal hackathon which resulted in podium finish for our team.
- Designed an API using the Spring Framework that sends 5 types of combination graphs, leveraging the Jasper Reports library to present the data visually.
- Engineered a system that transforms text in HTML format to XSSFRichText using Apache POI.
- Automated a testing feature for a microservice that tested all the possible combinations of the parameters and flagged null output.
- **Tech Stack:** Python, Java, Spring, Git, Jasper Reports, Apache POI.

VERITAS | SOFTWARE ENGINEER

July 2018 - January 2021 | Pune, MH

- Automated manual task for deploying customer databases into a local resiliency manager, saving 63+ days of engineering work hours.
- Devised an automatic shutdown for idle AWS instances using AWS CLI, resulting in better resource utilisation of 50% and a 30% cost savings.
- Integrated a cross-platform script to check for valid network configuration, which reduced post-deployment issues by 50% due to faulty network configuration.
- Automated RHEL Linux VM, **RM** (Resiliency Manager), and **IMS** (Infrastructure Management System) deployment on VMware ESXI using the pyvmomi API.
- **Tech Stack:** Python, Java, pyvmomi, Jenkins, AWS, Linux, Git.

CREDIT SUISSE | PYTHON INTERN

Jan 2018 - Jun 2018 | Pune, MH

- Engineered a custom database agnostic solution that could fetch data from MongoDB, Oracle, and Sybase, perform various merges on the DB, and dump data into any DB using the pandas library.
- Reduced memory usage of legacy reconciliation python code by approximately 35% using the profiler in Python.
- Refactored and optimised reconciliation code, which limited the RAM usage to 4GB for an 800 MB CSV.
- **Tech Stack:** Python, MongoDB, OracleDB, SybaseDB, Linux, SVN.

PROJECTS

RECIPES | SPRING BOOT PROJECT

Sept 2021 - Dec 2021

- Created a multi-user web service with Spring Boot that allows storing, retrieving, updating, and deleting recipes.
- **Tech Stack:** Java, Spring Boot, H2 Database, Spring Boot Security.

TEKKEN BOT PRIME | OPEN SOURCE CONTRIBUTOR

Jun 2018 - Present | GitHub

- Architected a program for Tekken 7 that shows frame data information of your moves in real-time on PC which helps in learning the game faster.
- Contributed to adding 800+ move lists for practice and implemented parsing logic for moves using python.
- **Tech Stack:** Python, Tkinter, Pygame