Suraj Kumar Soni

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EDUCATION

School Of Engineering, CUSAT. Kerala   Jul. 2014 – Mar. 2018
B-tech in Computer Science   GPA: 7.8/10

EXPERIENCE

IBM India   Sep. 2018 – Present
Software Developer   Bangalore

- **JustWalkOut** *(client: Amazon)*   Mar.2021 – Present
  * JWO service that Automates **purchasing of goods and Services** for retails shop without human intervention
  * Developed customers and shop onboarding, **invoice generation** and **payment** integration
  * Python, FastApi, AWS services like SES, SQS, SNS, ApiGateway, Glue for authentication used for order processing

- **Security Management Portal** *(client: HSBC)*   Sep.2020 - Feb 2022
  * Created REST API based **Django** web application for managing security credentials of clients
  * Adapted **ORM** for mapping objects to relational models and vice-versa while accessing database
  * Optimised performance of applicaiton by making it **scalable** and processing the data using **multi processing**
  * Automating the **security management from manual**, reduce the overall cost of operation by approax **7 man power**

- **IBM Garage Methods for Cloud Toolkit** *(client: IBM Internal Project)*   Sep.2018 - Aug.2020
  * Collaborated with a team of 5; developed **Single-Click toolkit** to migrate java & python app to multiple clouds
  * Containerized Java, Python app; generated multiple templates using flask APIs and deployed by DevOps Tools
  * Enriched Dockerfile by analysing dependency of ant and maven build java project through flask APIs
  * Supervised the deployment of Toolkit in multiple Client servers of **Top US Telecom and Energy companies**

CERTIFICATION

  * **AWS Certified Developer - Associate**   Mar. 2021
  * **IBM Certified Python for Data Science**   Aug. 2021
  * **HackerRank Certified Python**   Sep. 2021
  * **HackerRank Certified Problem Solving**   Jun. 2022

SKILLS

Languages:	**Python** with **Django** and Flask, C++	**DevOps Tools:**	Terraform, Jenkins, Docker
Database:	PostgreSQL and Cassandra	**Others:**	**Data Structure and Algorithm**, Jinja Template , GCP-Pub/Sub, Nginx
Cloud Platform:	**AWS**, IBM Private cloud, OpenShift		

TRAINING AND INTERNSHIP

- **IBM Training On DevOps**   Jul.2018 - Aug 2018
  * Trained extensively on major cloud service providers like AWS, IBM;Continuous Integration or Delivery i.e Jenkins
  * Practiced of Infrastructure as Code using tools like Terraform, Chef, Ansible;Familiarized version controlling tool GIT
  * Explored containerization platforms(Docker) and container orchestration tools like Kubernetes and Docker Swarm

- **Intenship at HPE**   Jun.2017 - Jul 2017
  * Analysed the content across different databases- Postgres, Dynamodb and Athena using python pandas
  * Created Automated System that generated reports in csv, json format based on comparision results

EXTRA-CURRICULAR

  * **Won 2 Silver and 1 Bronze badge** for top performance in contest of online coding platform HackerRank
  * Repeatedly recognized for **top performance in client projects** through fast-track promotions in just 6 months
  * **Co-founded** LearnToCode CS Club in college, Organised 13 Guest lectures, Managed a fund of 2.5 Lakhs
  * **Captain** of college cricket team, Won Gold for the 1st time in over 6 years in **inter-college** sports trophy 2017
  * **Organised** 24 Social awareness drives, tutored 60+ underprivileged kids, aided charity works of **RHA NGO** Bangalore