

# Suraj Kumar Soni

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## EDUCATION

### B-Tech in Computer Science

School Of Engineering, CUSAT. Kerala

Jul. 2014 – Mar. 2018

GPA: 7.8/10

## EXPERIENCE

### HashedIn By Deloitte

Senior Software Development Engineer

Aug. 2022 – Present

Bangalore

#### • Service Registry (client: HPE)

Jul. 2023 – Present

- \* Designed service registry catalog for seamless selection, integration, & utilization of diverse application microservices
- \* Devised scalable framework to enable easy **onboarding of new service offerings** into the registry using Python APIs

#### • JustWalkOut (client: Amazon)

Aug. 2022 – Jul. 2023

- \* Created **smart retail app** with search catalog, checkout, invoice generation, and integrated payment using python
- \* Implemented secure client signup and logging authentication using **real-time** token generation and verification
- \* Architected scalable **AWS platform**: Lambda for serverless computing, API Gateway for traffic, and SQS for queuing
- \* Developed another **employee profile management** portal to managed certifications, skills, and achievements

### IBM India

Software Developer

Sep. 2018 – Aug. 2022

Bangalore

#### • Security Management Portal (client: HSBC)

- \* 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 approx **7 man power**

#### • IBM Garage Methods for Cloud Toolkit (client: IBM Internal Project)

- \* 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 & Flask, GoLang

Database: PostgreSQL and Cassandra

Cloud Platform: AWS, IBM Private cloud, OpenShift

DevOps Tools: Terraform, Jenkins, Docker  
Others: Data Structure and Algorithm,  
Low Level Design,  
High Level Design

## 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
- \* Explored containerization platforms(Docker) and container orchestration tools like Kubernetes and Docker Swarm

## 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 **BHANGO** Bangalore