

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

Software Engineer II

Aug. 2022 – Present

Bangalore

• JustWalkOut (client: Amazon)

- * Built **smart retail app** with product catalog, secure checkout, integrated payment, and automated invoice generation
- * Implemented innovative approach to client onboarding 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
- * Managed data using PostgreSQL, maximizing **efficiency and flexibility with GraphQL** for seamless operation

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

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| * 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, GO, C++
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**
Google-Pub/Sub, Nginx

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

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