Suraj Kumar Soni

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EDUCATION

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

EXPERIENCE

HashedIn By Deloitte   Aug. 2022 – Present
Senior Software Development Engineer   Bangalore

- **Service Registry** *(client: HPE)*
  * 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 APIs
  * Integrated **middleware, session** management, request context handling, caching, and **logging** into architecture
  * Refined APIs to filter requests according to specified rule sets, **pagination**, and DB optimization
  * Enhanced dashboard allows customers to view provided services **without launching individual applications**

- **JustWalkOut** *(client: Amazon)*
  * 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   Sep. 2018 – Aug. 2022
Software Developer   Bangalore

- **Security Management Portal** *(client: HSBC)*
  * Led a team of 8; 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)*
  * 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. 2022
  * **HackerRank Certified Problem Solving**   Dec. 2023

SKILLS

Languages:	**Python** with **Django** & Flask,**GoLang**	**DevOps Tools:**	Terraform, Jenkins, Docker
Database:	**PostgreSQL** and Cassandra	**Others:**	**Data Structure and Algorithm, Low Level Design, High Level Design**
Cloud Platform:	**AWS**, IBM Private cloud, OpenShift		

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 ẽ2.5 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