

# Sahil Kumar

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## EDUCATION

**School Of Engineering, CUSAT. Kerala**  
*B-tech in Computer Science*

Jul. 2014 – Mar. 2018  
GPA: 7.8/10

## EXPERIENCE

**Deloitte India** Sep. 2018 – Present  
*Software Developer* Bangalore

• **Dares (client: Philips Morris International)** Nov 2021 – Present

- \* Revamped .NET web application to scalable serverless **AWS lambda** to handle the records of client's Stats Tool
- \* Managed AWS infrastructure using Terraform; Created CI/CD pipeline using Jenkins to deploy AWS lambda

• **Security Management Portal (client: HSBC)** Mar.2020 - Oct 2021

- \* 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 appprox **7 man power**

• **Deloitte Garage Methods for Cloud Toolkit (client: Deloitte Internal Project)** Sep.2018 - Feb 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
- \* **Deloitte Certified Python for Data Science** Aug. 2021
- \* **HackerRank Certified Python** Sep. 2021
- \* **HackerRank Certified Problem Solving** Jun. 2022

## SKILLS

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

## TRAINING AND INTERNSHIP

• **Deloitte Training On DevOps** Jul.2018 - Aug 2018

- \* Trained extensively on major cloud service providers like AWS, Deloitte;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