SAHIL SOLANKI

ICT, Wireless Network Expert and Aspiring Cloud/DevOps Engineer

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**SKILLS**

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| **Cloud:** AWS (EC2, S3, Lambda, RDS, EKS, VPC), Azure, Docker, Kubernetes, Containerization, Serverless Architecture, CI/CD, API.  **Programming & Scripting:** Python, Bash, Java, JavaScript, HTML, CSS, XML, Terraform, Ansible, AWS CloudFormation.  **Platforms:** Windows OS, Mac OS, Hypervisors (VMWare, VirtualBox), Linux (RHEL, Kali, Ubuntu, CentOS), Jenkins, Suricata, Splunk, CloudWatch, Oracle, Git, Power Automate / Power Platform.  **Networking:** VLAN, SSH, VPN, 4G/LTE, 5G, Wireshark, Telecommunications, VoIP. |

**EDUCATION**

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| **Humber College** | Toronto, Canada |
| Post Graduate Certificate in **Cloud Computing** (GPA: 3.4/4) | September 2022 – June 2023 |

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| **Humber College** | Toronto, Canada |
| Post Graduate Certificate in **Wireless Telecommunications** (GPA: 3.8/4) | September 2021 – June 2022 |

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| **PDE University (PDPU)** | Gandhinagar, India |
| B. Tech in **Information & Communication Technology (ICT)** (GPA: 76%) | August 2017 - June 2021 |

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| **New Millennium School (DPS)**  Grade 10 and 12th **(High School)** (GPA: 80%) | Kingdom of Bahrain  April 2015 - April 2017 |

**CERTIFICATIONS**

**AWS** Solution Architect Associate (Scheduled)

**AWS** Certified Cloud Practitioner

**Oracle** Cloud Infrastructure Associate

**Google** Cybersecurity Professional Certificate

**PROJECT EXPERIENCE**

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| **Constructing a scalable and secure portfolio website by leveraging Route 53 and S3.**  **(***Personal Project)* | July 2023 |

* Deployed professional portfolio website using key AWS services such as Route 53, S3, and Amazon CloudFront.
* Secure, scalable, and high-performance web hosting. Implemented SSL encryption, DNS configuration, and efficient file management with S3's versioning and object lifecycle policies. Showcasing expertise in deploying and managing AWS-based web applications.

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| **Blockchain Architecture for Digital Payments (***College Capstone Project)* | January 2023 - April 2023 |

* Collaborated with a team of 4 to design and build a Blockchain ETH payment platform, aimed at increasing farmers' financial transactions and transparency.
* Utilized web3 in Kaleido (Blockchain as a Service platform) and deployed the solution on AWS Amplify.

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| **Implementing Serverless Music Application (***Personal Project)* | April 2023 |

* Developed and deployed a serverless music application on AWS S3, integrating Cognito for authorization, which increased user interaction by 80%.
* Managed 1 API Gateway methods with 4 Lambda functions, handling data storage in DynamoDB for over 10,000 records, improving overall data retrieval speed by 30%.

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| **Deployed a Media-Sharing Web Application** *(Personal Project)* | March 2023 |

* Developed using Python, it utilizes Amazon services for reliable and scalable storage solutions.
* Scalability and reliability were key considerations during the application's development, hence used EC2s, ALB, ASG.

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| **Kubernetes Cluster using EC2 Spot Instances (***Personal Project)* | February 2023 |

* Successfully implemented and deployed a web application in a Kubernetes cluster, scaling up to nodes and 20 pods as required, increasing system availability by 99.9%.
* Set up a Grafana dashboard for effective monitoring, tracking over 500 events per day.

**WORK EXPERIENCE**

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| **Superfly X Productions** | Toronto, Canada |
| *Guest Service Operations* | Jun 2022 - Present |

* Sales, Guest services team, scanning tickets, selling standby tickets, show services, guest flow operations, assisting the guest at any place in the experience.

**LEADERSHIP EXPERIENCE**

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| **Collision 2023** (North America’s fastest-growing tech conference) |  |
| *Team Lead* |  |

* I volunteered and led as a team leader, collaborating with the manager to ensure the event goes smoothly while assigning and handling many team member volunteers.

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| **Collision 2022 and TechSpo 2022** |  |
| *Team Member* |  |

* I volunteered as a team member, collaborating with diverse groups to ensure successful event organization.

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| **Sacred Heart University (Connecticut, U.S.A)** |  |
| *Internship* |  |

* I completed a 1-month internship, during which I led a group project to create a Smart Safe controlled via an app. I also gained hands-on experience customizing LEDs using microcontrollers and building custom mini drones.

**SOFT SKILLS & HOBBIES**

Team Leadership, Team Player, Teamwork, Communication Skills, Public Speaking, Critical Thinking, Analytical Decision Making, Delegation, Trustworthiness, Responsible, Tech Savviness.

Gaming, Sports, Racing, Volunteer work, Travelling.