

SAHIL SOLANKI



ICT, Wireless Network Expert and Aspiring Cloud/DevOps Engineer

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SKILLS

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

Humber College

Toronto, Canada

Post Graduate Certificate in **Cloud Computing** (GPA: 3.4/4)

September 2022 – June 2023

Humber College

Toronto, Canada

Post Graduate Certificate in **Wireless Telecommunications** (GPA: 3.8/4)

September 2021 – June 2022

PDE University (PDPU)

Gandhinagar, India

B. Tech in **Information & Communication Technology (ICT)** (GPA: 76%)

August 2017 - June 2021

New Millennium School (DPS)

Kingdom of Bahrain

Grade 10 and 12th (**High School**) (GPA: 80%)

April 2015 - April 2017

CERTIFICATIONS

AWS Solution Architect Associate (Scheduled)

AWS Certified Cloud Practitioner

Oracle Cloud Infrastructure Associate

Google Cybersecurity Professional Certificate

PROJECTS

Constructing a scalable and secure portfolio website by leveraging Route 53 and S3.

July 2023

(*Personal Project*)

- 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.

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.

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%.

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.

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

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

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.

Collision 2022 and TechSpo 2022

Team Member

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

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.