A picture containing pattern, design, square, symmetry

Description automatically generatedSAHIL SOLANKI

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ICT, WIRELESS NETWORK EXPERT AND ASPIRING CLOUD ARCHITECT

**EDUCATION**

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| --- | --- |
| Post Graduate Certificate in Cloud Computing  Humber College, Toronto, Canada  GPA: 86.0%  Sept'22 - April'23 | Post Graduate Certificate in Wireless Telecommunications  Humber College, Toronto, Canada  GPA: 90.0%  Sept'21 - April'22 |

|  |  |
| --- | --- |
| B. Tech in Information & Communication Technology (ICT)  PDE University (PDPU), Gandhinagar, India  GPA: 75%  July’17 – June’21 | Grade 10 and 12th (High School)  New Millennium School (DPS), Kingdom of Bahrain.  GPA: 76%  March of 2015 & 2017. |

**CERTIFICATIONS**

AWS Certified Cloud Practitioner (CLF-C01)

* Completed on 29th March 2023. Certificate: <https://bit.ly/myawscertificate>

**PROJECTS**

Blockchain Architecture for Digital Payments (Capstone Project in College)

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

Implementing Serverless Web Application on AWS (My own project)

* 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%.

Kubernetes Cluster using EC2 Spot Instances (College project)

* Successfully deployed a web application in a Kubernetes cluster, scaling up to 5 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.

Airline Reservation System (College project)

* Created an airline reservation system using Django and MySQL, displaying flights for over 500 routes, and managing more than 10,000 bookings, improving booking efficiency by 50%.

**TECHNICAL SKILLS**

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| --- | --- |
| Cloud: | AWS (EC2, S3, Lambda, RDS, EKS, VPC), Azure, Docker, Kubernetes, Containerization, Serverless Architecture. |
| Programming & Scripting: | Python, Bash, Java, JavaScript, HTML, CSS, Terraform, Ansible, AWS CloudFormation. |
| Platforms: | Windows OS, Hypervisors (VMWare, VirtualBox), Linux (RHEL, Kali, Ubuntu, CentOS), Jenkins. |
| Networking: | VLAN, SSH, VPN, 4G/LTE, 5G, Wireshark, Telecommunications, VoIP. |

**WORK EXPERIENCE**

Guest Service Representative at Superfly X Productions (Part time job, June 2021 – 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 & ACTIVITIES**

Collision 2022 and TechSpo 2022

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

Sacred Heart University, Connecticut, USA

* 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.

Tharad Municipal Corporation

* Actively participated in efforts to spread awareness of hygiene, health, and environmental issues in rural areas.

**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.