

SHIVAM MUNGRA

Cloud | Full Stack | Blockchain Developer

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shivammungra

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Shivam-1M

Brampton, ON Canada

portfolio-ten-flax-85.vercel.app/

ONE LINE PROFILE

18/24 hard worker driven by technology

EXPERIENCE

Cloud Architect (Co-Op/PT)

Sheridan College

May 2023 – Dec 2023

Oakville, ON

- Developed the IaaS environment through Terraform enhancing infrastructure and deployment efficiency for company's Azure platform
- Built report web app for accessing resources deployment reports via Power BI on Azure
- Worked and researched on Logs Streaming for real-time data analytics using Confluent/Kafka service generating various proof of concepts on Docker, Azure Container Instance, Azure Kubernetes
- Established the workloads that include private connectivity between resources on Azure through Private Endpoints
- Researched several Azure Advisor's recommendations and Mitigated Security Issues at scale and resource level based on infrastructure needs

Enterprise Architecture Analyst (Co-Op/PT)

Sheridan College

Jan 2022 – April 2023

Oakville, ON

- Developed Virtual Machine Scheduler automation on Azure and AWS saving company's extra costs and providing flexible approach of operating VMs.
- Advanced the firm's Resource Organization on Azure by Automating the deployment of various basic tags like CreatedBy, CreatedOn, etc.
- Structured Organizational Standards applying from Subscriptions granular level to at scale Management Level using Azure Policy
- Developed a proof of concept of Navigation System for Sheridan using Azure Maps and deployment through constructing several Python scripts. Also, showed the skill of using not familiar tool like AutoCad to generate campus infrastructure
- Successfully progressed with the VPN development for channeling traffic privately through a network Tunnel between Azure and AWS resources.
- Demonstrated the DevOps skills by pivoting workloads for the company to Azure DevOps improving planning and automating CI/CD
- Helped Enterprise Architecture team with the ease development of Business Organizational Chart on Lucid.

PERSONALLY EXPLORING

Python
Blockchain

ACHIEVEMENTS

- Essential Google Cloud Infrastructure: Foundation
- Google Cloud Fundamentals: Core Infrastructure
- Gujarat Certification Diploma in Web Designing (DWD)
- NCC Java Programming Language Certification
- State Champion in Roller Skating

SKILLS

Languages: C, C++, C#, Java, Haskell, Kotlin, HTML, CSS, JavaScript, TypeScript, PHP, SQL, Plutus

Frameworks: Spring, .Net, Next.js, Bootstrap, Tailwind, JavaFX, JUnit, HSpec, Pester

Azure: Basic (VM, Server/database, VNET, Tags), Azure Function, Azure DevOps, Event Grid, Azure Container Instances, Azure Kubernetes, Azure Maps, Azure Policy, Private Endpoints, Logic App, IAM Roles, Microsoft Purview, Activity Log, Azure Monitor, Advisor, API Management, Power BI

AWS: Basic (EC2, DynamoDB, VPC, Tags), CloudFormation, CloudWatch, AWS Lambda

Other Essentials: Linux, Smart Contracts (Cardano Blockchain), Terraform, Android, Containers, Apache Kafka, Big Data, Hadoop, NoSQL, JSON, YAML, Git, Database, Data Structures, Algorithms, Analytical and Statistical skills, Quick learner, Independent and Team worker, Mathematical skills, Data Visualization and Research skills, Multitasker, Leadership, Communication

LANGUAGES

English
Hindi
Gujarati



EDUCATION

Computer Systems Technology - Software Development and Network Engineering Co-Op Advanced Diploma

Sheridan College

📅 Sept 2020 - Dec 2023

📍 Brampton, ON Canada

Honors GPA 3.78/4

Cardano Solution Architect Certification

Emurgo Academy

📅 May 2023 - Feb 2024

📍 Virtual

Cardano Developer Professional Certification

Emurgo Academy

📅 May 2022 - Feb 2024

📍 Virtual

High School - Science Stream (Mathematics)

Shri Ramkrishna Harikrishna Academy

📅 April 2017 - April 2019

📍 India

98% in CS & 91% Overall

PROJECTS

DApp on Blockchain (Cardano, Plutus, Haskell, React, TypeScript) – Ongoing Capstone

- Developed a prototype showing final version of the decentralized application earning tokens.
 - Currently, rolled out a sprint with Wallet Connectivity functionality.
 - Able to store wallet address using local storage to maintain the connection state across web pages.
 - Future sprints will include features like sending tokens, receiving tokens, earning tokens based on the time period user interacts with the provided website.
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Cafe Service (Java, SpringBoot, HTML, CSS)

- Developed a dynamic responsive website to fulfill customer's order using Spring framework.
 - Following the MVC design, created a bean to store information of each order using Lombok where model contains only the data of customer.
 - Used Thymeleaf to get user input data from the HTML page. Applied the concept of controller which listens the events triggered by the view and executes appropriate reaction to these events.
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Blackjack Card Game (Java, JavaFX, JUnit, Git)

- An interactive game between the user and computer that uses algorithms to select appropriate cards from a given hand of cards and allows the user to replay, keep count of the current score.
 - Developed application using JavaFX to assist in creating an efficient UI.
 - Debugged, tested, and developed a modular structure such that more players could be added without any additional code while practicing SDLC principles and requirement analysis.
 - Improved application functionality by responding to issues, user feedback and vigorously testing using JUnit and designed use cases and developed UML diagrams using Visual Paradigm and maintained code on GitHub using Git.
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Inventory Management System (HTML, JavaScript, PHP, CSS)

- A multi-page web application for users to check, update and add inventory stock, register and login using PHP myAdmin for MySQL database management.
- Developed front-end webpages with HTML5, CSS3, Bootstrap and Javascript for client-side form validation and error handling to make POST requests when registering or verifying passwords, encrypted in the database using PHP.
- Used phpMyAdmin local server for administration of the database, used MySQL querying for data manipulation & designed back-end architecture using PHP to set & receive cookies, collect data for assisting a more personal & convenient experience.

SPORTS

Roller Skating

Swimming

Cricket

A DAY OF MY LIFE

