

# Milan P Samuel

## SKILLS

### Technical Skills:

Programming Languages:

**Java, Python**

Frontend:

**HTML, CSS, JavaScript**

Databases:

**MySQL, SQL, Relational Database Service**

**(RDS), DynamoDB, API Integration**

**(RestAPIs)**

Game Development:

**Unreal Engine, Unity, Godot, Blender**

DevOps & Cloud:

**Continuous Integration/Continuous**

**Deployment(CI/CD) Pipelines, Git & GitHub,**

**AWS, Docker, Kubernetes, Linux (Ubuntu),**

**Bash, Jenkins, Terraform, Prometheus**

Soft Skills:

**Problem-Solving, Team Collaboration,**

**Communication, Debugging**

## EDUCATION

### VIT BHOPAL UNIVERSITY

BTECH CSE (Specialization In

Gaming Technology)

Ongoing | Bhopal, India

CGPA : 7.5

### KENDRIYA VIDYALAYA

12 TH Grade

September 2022 | Chennai, India

Percentage : 62 %

### KENDRIYA VIDYALAYA

10 TH Grade

July 2020 | Chennai, India

Percentage : 75 %

## LINKS

### Email:

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### LinkedIn:

<https://www.linkedin.com/in/milan-p-samuel-b54290242/>

### Github:

<https://github.com/milansamuel609>

### Phone Number:

+91 9284534640

## PROJECTS

### Weather Forecaster (May 2023)

- Amplified a weather forecasting webpage that displays the data for that particular day.
- Executed the **OpenWeatherMap** Application Programming Interface (API) to fetch real-time weather reports.
- It was an individual project
- Tech Stack: **HTML, CSS, JavaScript** and **Application Programming Interface (API)**

### Bank System (June 2024)

- Enhanced a Graphical User Interface (GUI) based banking system to enable deposits, withdrawals, and balance checks.
- Implemented the **Swing library** for building the **Graphical User Interface (GUI)**.
- Designed an intuitive interface for seamless banking operations, developed independently.
- Tech Stack: **Java**

### Dockerized Microservices Deployment (March 2025)

- Developed and deployed a microservices-based application using **Docker** and **Docker Compose**.
- Enforced two microservices communicating via **REST APIs**, containerized with **Docker**, and orchestrated using **Docker Compose**.
- Automated **CI/CD** pipelines using **GitHub Actions** to build and push Docker images.
- Deployed services on an Ubuntu-based VM with **NGINX** as a reverse proxy for load balancing.
- Tech Stack: **Ubuntu, Docker, Docker Compose, GitHub Actions, NGINX**

## WORK EXPERIENCE

### GSSoC 2024 Ext (Oct - Nov 2024)

- Achieved an **overall rank of 76** in the GirlScript Summer of Code (GSSoC) Extended Program placing among the **top 100 contributors** out of more than 40,000 participants.
- Made **40+ contributions** to various projects
- Tech Stack: **HTML, Git, Github**

### Bugoff Hackathon (VIT Bhopal) (May 2023)

- Identified and resolved critical bugs.
- Implemented new features, including **UI optimizations** and the addition of certain pages.
- Tech Stack: **HTML, CSS, JavaScript**

## CERTIFICATIONS

- **Python** Programming Comprehensive Bootcamp Udemy
- **Java** (Basic)
- **IBM DevOps** Fundamentals
- Teachnook **Web Development** Training And Internship
- Postman API Fundamentals Student Expert

## LANGUAGES

- English, Hindi, Malayalam