**Saswat Levin**

*Flat No-1008,B-Wing,*

*Shambhavi Sovereign,*

*Perampally Road,*

*Vidyarathna Nagar,*

*Manipal,Karnataka-576104*

*India*

**Experience**

Web Development Intern

*KAEM SOLUTIONS GCC(July 2019)*

**Education**

Master of Cybersecurity,

*Monash University (2021 – Present)*

*C. G. P. A – 2.257/4.0, W. A. M. – 67/100*

Bachelor of Technology (Computer Science and Engineering),

*Manipal Institute of Technology (2016 – 2020)*

*C. G. P. A. - 6.75/10.0*

All India Senior School Certificate Examination(CBSE Class XII)*,*

*International Indian School Dammam*

*80.8% Science Stream(2013 – 2015)*

All India Secondary School Examination(CBSE Class X),

*International* *Indian School Dammam*

*C. G. P. A. - 10.0/10.0 (2002 – 2012)*

**Computer Skills**

***Basic Level:*** *AWS Lambda, Flask, Git, Java, Kubernetes, SQL*

***Intermediate Level:*** *C/C++, CSS, HTML5, Python, Ubuntu*

**Areas of Interest**

*Cloud Computing*

*Digital Forensics*

*Information Security*

*Network Security*

**Academic Projects**

***PCAPPrimes:*** *Implemented a sequential prime sieve using fast marking with block decomposition optimized for space to generate 64-bit primes and parallelized it using OpenCL for the Parallel Computer Architecture and Programming class at Manipal Institute of Technology.*

***iWebLens:*** *Implemented a multi-threaded Flask application using the YOLO Deep Learning image-detection framework to identify and tag various objects in images on a Kubernetes Cluster with Docker containers with a master node and two worker nodes. This project was done as part of the FIT5225 – Cloud Computing & Security unit at Monash University.*

***iTag:*** *Implemented an FaaS application to detect and tag various objects in stored images using the YOLO Deep-Learning image-detection framework using various Amazon Services such as Cognito, S3, Lambda and DynamoDB, as part of a team. The image detection function was triggered when the user uploaded an image to a designated S3 bucket. The user could query the list of images using tags. This project was done as part of the FIT5225 – Cloud Computing & Security unit at Monash University.*

**Languages**

***English:*** *Native or bilingual proficiency*

***Hindi:*** *Limited working proficiency*

***Bengali:*** *Native or bilingual proficiency*