

# 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