Saswat Kuthully 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*