

Shashank Priyadarshi

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OBJECTIVE

Seeking a position in the field of Computer Science where I can utilize my skills to further work towards personal and professional development and contribute towards the prosperity of the organization. Highly motivated and eager to learn new things.

EDUCATION

- 2019-2023 **B.Tech in Computer Science and Engineering with Artificial Intelligence, Amrita Vishwa Vidyapeetham**, Kollam, Kerala, India.
Ongoing CGPA: 9.2/10
- 2018 **Sunbeam English School**, Varanasi, U.P., India.
Percentage: 92.6%
- 2016 **Imperial Public School**, Varanasi, U.P., India.
Percentage: 10CGPA

EXPERIENCE

- May 2020 - present **Google Summer of Code participant with The Mifos Initiative.**
Open source contributor to the android client application for the field officers. During this period I introduced new features related to GIS support, notification integration, KYC/onboarding feature, UI enhancements, dark mode, localization support, and few other minor features which made this application upgrade to its version 7.
- August 2019 **Member at amFOSS.**
amFOSS is the Free and Open Source Software club of my college. I have been an active member of the community from the time I joined college. I actively take part in all events and also help in organizing events hosted by amFOSS.
- January 2020 **Open source contributor for Mifos.**
Open source contributor for the Android Client application developed by Mifos. Sent 40+ PR for introducing new features and fixing various bugs in application. Project Link:
<https://github.com/openMF/android-client>

TECHNICAL PROJECTS

- July 2020 **Game module.**
This is a cost-efficient game module using Arduino which supports various games. Video games are the most rapidly growing industries in the world, which led us to develop this module. Currently, it contains three games - Flappy bird, super Mario, and tic tac toe. More improvements are under the development phase. Tech stack used- Arduino UNO, C, C++. Project Link:
<https://github.com/robustTechie/gaming-module>
- May 2020 **Temple App.**
This android app provides a cost-efficient way of maintaining records of poojas, donations made by people, and also all the financial records in temples. I am one of the top contributor to this project. Tech Stack - Android, Firestore. Project Link:
<https://github.com/amfoss/TempleApp>
- April 2020 **Health Log.**
The smart and efficient android app provided to hospitals to maintain the logs of covid19 patients. Hospital authority can store new patient and it will automatically assign the doctor to each patient. Doctors can also check the allotted patient and fill the recent logs of each patient in each visit which will update the family members by the patient's report. Tech stack - Android, XML, Firestore Project Link:
<https://github.com/Technical-Hackers/Health-Log>

January 2020 **Moodify.**

An android app which will boost your current mood. Whether you are happy, sad, angry, surprised, it will present you with quotes, videos, and posts that will improve your mood to a great extent. This application uses emotion recognition to predict the emotion of the user by scanning their face. Tech Stack - Android, Flask API, Face detection API Project Link:

<https://github.com/AwesomeFruitSalad/CrimsonLychee>

Decemeber 2019- present **Android Client - Mifos.**

Android Field operation application based on Mifos X is a robust core banking platform that is developed for field officers using which they process transactions, keep track of their client's data, center records, group details, different types of accounts (loan, savings and recurring) of the client, run reports of clients, etc. Tech stack used- Android, Java, XML, Kotlin. Project Link:

<https://github.com/openMF/android-client>

COURSE PROJECTS

July 2020 **Phone directory.**

This is a console application developed for creating a phone directory using BST (binary search tree) data structure. It has a text file as a database from where it fetches (in alphabetical order) and stores the new numbers in the format as Name PhoneNumber Email. Tech stack - Java. Project Link:

https://github.com/robustTechie/phone_directory

June 2020 **Biomation - a bioinformatics tool.**

This is a bioinformatics tool (web app) to solve various problems related to hidden messages in DNA. It processes large data-sets of big Genomes very efficiently. It supports various features like pattern count, hamming distance, clump finding, etc. Tech Stack used - Python, Django, HTML, CSS Project Link:

<https://github.com/TwoTechie/DNA-Analysis/tree/function>

November 2019 **MomentO.**

Dr. Hariprasad M.P. , Dept. of Mechanical, ASE, Amritapuri.

This is a Java-based desktop application. With the help of this application, one can find the Moment of inertia and center of mass of a given figure about an axis or any point defined by the user. It provides some basic shapes like rectangular channel, triangular channel, and a user can also define a new shape. Tech stack- Java, Netbeans. Project Link:

<https://github.com/robustTechie/MomentO>

COURSES AND MOOC

May 2020 **Kotlin for Java Developers.**

Issuing Organization: JetBrains.

Certificate Link: <https://coursera.org/share/474a77af5110f304457cc11bea7de646>

May 2020 **Introduction to Satellite Communications.**

Issuing Organization: Institut Mines-Télécom Business School .

Certificate Link: <https://coursera.org/share/3ee2722efd30dd0ce19c199ce504885b>

June 2020 **Finding hidden message in a DNA(Bioinformatics 1).**

Issuing Organization: University of California, San Diego.

Certificate Link: <https://coursera.org/share/fd26fedc3689bc561dedea5056b2e3f8>

VOLUNTEER

October 2019 **Hacktoberfest.**

Helped in volunteering hacktoberfest last year where various workshops were taken on GitHub, Gnome etc.

CONFERENCE ATTENDED

September 2019 **ML and Deep Learning, Amrita Vishwa Vidyapeetham.**

A webinar based on tech stack related to Artificial Intelligence and ML.

January 2020 **Hackverse.**

Attended conference of Digital Ocean, Elastic and Matic based on dockers, block chain, and elastic search services.

ACHIEVEMENTS

- o Completed Diploma in Computer Management, this is a 2 years course for basics of Networking, Hardware and Software.

- o Completed 6 years playing guitar. Certification: Prayag Sangeet Samiti, Allahabad

Coursework

Core Courses	Data Structure, Object Oriented Programming, Elements of computing systems, Biology for intelligence system
Lab Courses	Data Structure Lab, Object Oriented Programming JAVA Lab, Digital Manufacturing, Introduction to Drones.

LANGUAGES

English	Full Professional Proficiency
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COMPUTER SKILLS

OS	Linux, Windows
Programming Languages	Python, Java, Kotlin, XML, C, MySQL
VCS	Git
Other Skills	Android Development, AutoCad, 3D Drawing(Solid Works), Problem Solving, Adobe Photoshop, CorelDraw

INTERESTS

Technical	Artificial Intelligence, Machine Learning, Computer Vision, Deep Learning, Satellite Communications, Bioinformatics, Cloud computing, Block Chain, Contributing to Open Source
Hobbies	Travelling, Photography, Guitar

PERSONAL DETAILS

DOB	26th June, 2000
Current Residence	Kollam, Kerala, India
Status	Student