Shashank Priyadarshi

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SUMMARY

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

EDUCATION

Amrita Vishwa Vidyapeetham	Amritapuri, Kollam, India.
Bachelors of Technology in Computer Science with specialization in AI; GPA: 8.8/10.0	*Expected May 2023*
Sunbeam English School	Varanasi, (U.P), India.
Higher Secondary; Marks: 92.6%	*May 2018*
Imperial Public School	Varanasi, (U.P), India.
Secondary; Marks: 10CGPA	*May 2016*

EXPERIENCE

Android research voluntary Intern   Carnegie Melon University
Intern   *April 2021 - ongoing*

RoboTutor which is an Android tablet app that enables children ages 7-10 with little or no access to schools to learn basic reading, writing, and arithmetic without adult assistance.

Google Summer of Code   The Apache Software Foundation
Mentor   *March 2021 - ongoing*

Mentor for the Fineract projects, mobile banking app on top of the Apache Fineract architecture, worked on projects like android client for field operation and android SDK based on Fineract APIs.

Google Developer Student Club   Amrita School of Engineering,Amritapuri
Lead   *August 2020 - ongoing*

Developer Student Club is the university-based community groups for students interested in Google developer technologies. DSC helps us to grow our knowledge in a peer-to-peer learning environment and build solutions for communities.

Google Summer of Code participant   The Mifos Initiative
Student Developer   *May 2020 - ongoing*

Open source contributor to the client application for the field officers. I introduced new features related to GIS support, notification integration, KYC/on-boarding feature, and other minor features which made it to upgrade to its version 7.

amFOSS
Member and Mentor   *August 2019 - Present*

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.

PROJECTS

- **Mental Vaccine**: Not just a physical vaccine is enough, Mental Vaccine will help you to cure a stressful mind. It is a mobile application developed over Flutter to fight against the stressful conditions during this pandemic. Tech Stack used - Python, Flutter, Dialogflow, Google cloud DB, ML.
- **Android Client**: This application is 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 each client 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, RxJava.
- **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.
- **Health Log**: The smart and efficient android app provided to maintain the logs of covid19 patients. Hospital can store new patient's record 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. Tech stack - Android, XML, Firestore
- **Arm Analyser**: An arm analyzer is a robotic arm with a proper trajectory fed with clock input and a 3D viewer using Simulink. To do this task, a trajectory planner and a mechanical model, which deals with constraints, i.e. collisions among the arm joints and objects, is used. Tech stack used- Matlab, Simulink.

SKILLS

- **Languages**: Python, Java, Kotlin, C++, C, Bash.
- **Skills**: Android Development, Data driven Astronomy, 3D Drawing, Deep Learning, Flutter, Tensorflow, OpenCV, React
- **Tools & Technologies**: Git, GitHub, GitLab

ADDITIONAL EXPERIENCE & ACHIEVEMENTS

- Got selected for AWS Machine Learning Scholarship Program by Udacity and Amazon AWS.
- Selected for MaLGa Unige summer school which was based on fields related to AI/ML.
- Won best Digi Hardware Key category prize in Hack-ccessible hackathon organised by MLH
- Won best Google cloud category prize in Mental Health hackathon organised by MLH
- Selected for MLSS 2021 Taipei summer school based on various topics related to ML