Abishek V Ashok

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https://github.com/abishekvashok

- Full Stack Developer – Building fault tolerant software.
- Languages: Python, C, C++, Java, Kotlin, Ruby, PHP, JavaScript, NodeJS, HTML, CSS, SQL
- Tools: Git, Vim, Tensorflow, Android Studio, MySql, MariaDB

Achievements

Grand Prize Winner, Google Code-in 2017-18

Spend time gazing through the color coded lines, creating pull requests to bring a great end to my 3 year long journey to by winning Google Code-in in the 2017. Google Code-in is a global programming competition conducted by Google to encourage contribution to open source software from teenagers. In the 2017 contest, I participated along 3555 students from 78 countries doing 93 tasks in the 49 day competition with 106 merged pull requests. Being the Grand Prize winner, I and my family were invited to Google's headquarters in California to learn about the perks and life culture at Google and discuss in detail about self driving cars, Project Fi, Chrome OS, Kuberneetes, etc. I am also the first and only person to win this prestigious award from the state of Kerala.

State level finalist of Intel Tech Challenge

I worked my way through the rounds to become a finalist at Intel Tech Challenge, which was an IoT based competition conducted by Intel and Kerala State Start-up Mission. The third and last round was the most interesting - the state level hack-a-thon which comprised of about 15 of us shortlisted from about 7,000 participants. I made the working prototype of my idea which was an intelligent parking space monitoring system and got my project shortlisted for the national level of the competition.

A Grade Winner in Web designing at Kerala IT Fair

After achieving my way through the school, sub-district, and district levels to participate in the state level, I crafted a brilliant website in HTML and CSS whose theme was provided an hour before the competition started to achieve myself the highest grade (A Grade) in the Web Designing competition conducted by the Kerala Government in the state level school "Sasthrolsavam". We had more than 5000 students participating in various levels and I was one of the 18 participants in the state level,

6th Position in BOUNTIFUL OPEN SOURCE SUMMER (BOSS)

BOSS is a national wide competition open to all age groups of students accredited to any education institution in India conducted by Coding Blocks and is a programing competition where you earn bounties for each open source contribution you make to one of their

projects during the competition phase. I managed to secure 6th place in the competition.

Education

Sacred Heart College (Present) Expected Graduation: 2022

SNDP Higher Secondary School (Public School) Graduated on May 2019 Grade 12 – **100%** marks
Grade 11 – **98%** marks
HSE (Average of Grade 11 and 12 marks): 99% or 9.87 (out of 10)

Our Lady of Mercy School (Public School) Graduated on May 2017 Grade 10 – **93%** marks (ICSE syllabus)

Experience

Intern at FOSSASIA (June 2019 – September 2019)
I completed a 3 month paid software development internship at FOSSASIA working on the badgeyay project (https://github.com/fossasia/badgeyay) which is a badge generator written in Flask and NodeJS. I added more than 22 features and fixed a total of 21 bugs during my time as an intern with FOSSASIA

Intern at Brew (March 2019 – August 2019)
I worked as an intern at brew as an Android Developer writing features and making the UI/UX more smooth and intelligent in Kotlin.

Free and Open Source Developer/Maintainer at FOSSASIA (3 years and counting) I joined FOSSASIA (https://fossasia.org) in 2015. I made about 3000 contributions to FOSSASIA In the next 3 years. I now maintain many of FOSSASIA's core projects including Badgeyay (Free and Open Source badge generator), SUSI (Free and Open Source Personal Assistant), Meilix (FOSS OS), Phimpme-android (FOSS Photo editing android app).

Apart from FOSSASIA I do maintain software under my own domain and also has commited patches to the Linux kernel and some of Free Software Foundation's projects.

Google Summer of Code mentor 2018-19, 2019-20
I mentored in Google summer of code 2018-19 for FOSSASIA assinting the students through the summer to write code for FOSSASIA with a stipend sponsored by Google. I evaluated their code and progress, spent time guiding them, and more over had fun teaching most of them to write great code!

Google Code-in mentor 2018-19, 2019-20
I mentored in Google code-in 2018-19 for FOSSASIA. Reviewing work of various students, keeping them inspired, and helping them in the competition I reviewed 83 tasks in the competition and made over 200 PR reviews in the 2018-19 competition and in about 72 tasks and 197 PR reviews in the 2019-20 edition.

Notable Free and Open Source Projects

Cmatrix [C, https://github.com/abishekvashok/cmatrix**]**
Current maintainer of Cmatrix, a matrix movie like animation at your terminal project with more than 2k stars and thousands of downloads through various channels.

Rep Counter [Python, https://github.com/abishekvashok/rep-counter**]** Rep Counter is an ML based project that helps you count exercise repetitions from live video. It uses Tensorflow and posenet to detect human pose estimation and then calculates repitions from the video source using OpenCV.

Exposure Notifications Android [Java, https://github.com/abishekvashok/exposure notifications-android**]**
Android application that serves as a template primarily build for healthcare systems and Government around the world to help them tackle COVID-19. It uses Apple and Google's exposure notification API and serves as a template which requires minimum modifications for functional usage.