VEERASAMY SEVAGEN

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EDUCATION

Amrita School of Engineering, Amrita Vishwa Vidyapeetham   *July 2018 - Present*
Bachelor of Technology in Computer Science.   GPA: 8.59
Piton State College, La Paix, Piton   *Jan 2012 - Nov 2018*
Higher School Certificate.   Marks: A+ A+ A
School Certificate.   Aggregate: 12

CARREER OBJECTIVE

Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the organisation.

PROJECTS

A Personal Blog Site built using JAMStack architecture
The project aims to solve the slow loading issue associated with my Wordpress website. Using Gatsby as a static site generator and Netlify as a content delivery network (CDN), I designed a website that renders faster and offers more security.

The GNOME Project
Contributed to the codebase of several GNOME applications namely, GNOME-Games and GCC(GNOME-Control-Center). Fixed issues related to the well-functioning and usability of the application. Learnt about GTK+, which is used as the UI library for the apps and debugging tools such as GTK inspector or Sysprof.

Asha-SOS
Built during IncubateIND Hackathon 2019, Asha-SOS is a disaster management system designed to pinpoint the location of people in need of help. The latter depends on a mesh of IOT devices that generate a hot-spot which is connected to a web-server owned by the government or any rescue team. The connection between the victim's phone and hot-spot will trigger an alert with the location details of the victim to the rescuers.

Airline Reservation System
As the name suggest, this application is a reservation system for air travel. The latter was created to showcase the use of OOP's concepts (encapsulation, abstraction etc..) in an actual application. Each section of the app is divided into separated classes and is written in JAVA.

Color Game using DOM Manipulation and JavaScript
This is a simple game made to improve my skill in manipulating the DOM elements. The winning RGB color code is displayed at the top and is taken at random for every session. From the colors provided, you have to find the correct one. The UI was made using some Bootstrap element and mostly CSS. The logic was coded using vanilla JS.

TECHNICAL STRENGTHS

Programming Languages	Java, C++, C, Vala
Databases	MongoDB, MySQL
Front-End	Bootstrap, Semantic UI, HCJ,JQuery, GTK+
Back-End	Express, GLib
Version Control	Git
Operating Systems	GNU/Linux, Microsoft Windiw

EXPERIENCE

The GNOME Foundation   June 2019 - Present
Foundation member and Contributor

· Oversee the issues in several applications and try to find means of solving them through collaboration between fellow developers and members. Learned to delegate work and improved my leadership skills.

ACHIEVEMENTS

1.Ranked among the top 500 students for the Cambridge International A-level Examinations in Mauritius

2.Fully-Funded Sponsorship for attending GNOMEAsia 2019 as a speaker in Gresik, Indonesia

3.Reached final pitch-in sessions for Make-A-Thon held at Microsoft Office, Bangalore and IncubateIND hackathon held in Kochi at INQ offices

4.Speaker at DevConf.IN 2019

INSTITUTE POSITIONS

FOSS@Amrita   March 2019 - Present
Coordinator, Content Writing Team

· Write, oversee and proofread every content that our team develops for the purpose of our social accounts, articles and documentation.

Amrita Vishwa Vidyapeetham   August 2019
Head Coordinator, Programming Workshops

· In order to help the freshers get acquainted with the coursework, we held several workshops where we introduced them to basic programming concepts and tools. We made sure that every students got, at the very least, some basic understanding of the subjects before starting the actual coursework.

Amrita Vishwa Vidyapeetham   February 2020
Presenter, OpenTalks 2020

· OpenTalks is an initiative hosted by Amrita University where famous people are invited to share their experience. My role was to host the event, inform and entertain the audience whenever required.

LANGUAGES

English	Fluent
French	Fluent
Creole	Native