MINAT SILVESTER K

Elixir/Phoenix, Javascript Developer, Ruby on Rails | FOSS Enthusiast

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🔗 github.com/minatsilvester   🔗 https://www.youtube.com/channel/UCO4kvzDvzNfWqNBqX4WHMLg

EDUCATION

B.Tech Information Technology
St. Joesph's Institute of Technology

📅 July 2016 – May 2020   ♦ Chennai

- C.G.P.A : 6.8

Higher Secondary Certificate
St. Xavier's Matric Higher Secondary School

📅 May 2015 – April 2016   ♦ Tirunelveli

- 88.08% Tamilnadu State Board Syllabus
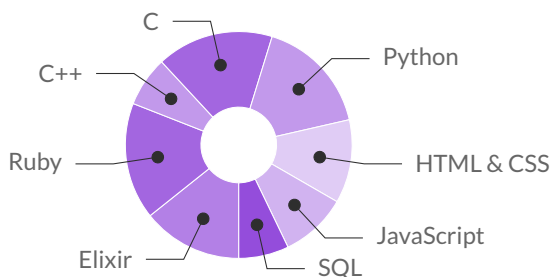
Secondary School Certificate
Holy Family High School
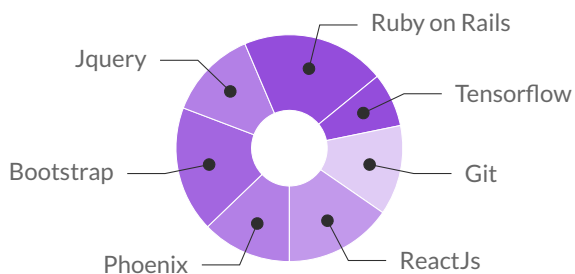
📅 June 2013 – April 2014   ♦ Mumbai

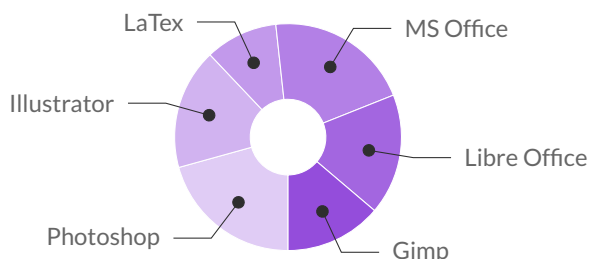- 79.80% Maharashtra State Board Syllabus

TECHNICAL SKILLS

Programming Languages

C, Python, C++, HTML & CSS, Ruby, JavaScript, Elixir, SQL

Tools and Frameworks

Jquery, Ruby on Rails, Tensorflow, Bootstrap, Git, Phoenix, ReactJs

Design Tools and Software

LaTex, MS Office, Illustrator, Libre Office, Photoshop, Gimp

CAREER OBJECTIVE

"A motivated Engineer who is willing to learn something new everyday and apply the same technically for the betterment of society."

INTERNSHIPS

Web development Essentials
Lakeside Lab Private Limited

📅 November 2018   ♦ Tirunelveli

EXTRA CURRICULAR

Symposium
Won web development,coding events and gaming events
Organizer Incognito 2k18

GNU/Linux Users Club
Organizer and coordinator of St. Joseph's Institute of Technology's GNU/Linux Users Group

Free Software Foundation Tamilnadu
Coordination Committee member and active volunteer of Free Software Foundation Tamilnadu since 2017

Cognizant Student Club
Member of the Cognizant students club

STRENGTHS

Hard-working   Motivator & leader   Quick learner   Open to new challenges

INTERESTS

Web Development   Machine Learning   Cryptocurency   Backend Development   Computer Networks   Content Creation

Keyboard   Comic Crossover   Sports   Music   Stock Market

LANGUAGES

Tamil   English   Hindi   Marathi

PROJECTS

Workshop Feedback system using Elixir/Phoenix
FSFTN conducts a lot of workshops different time of the year and it needed a efficient feedback system other than using pen and paper. As a solution a web application was created by me using elixir/phoenix which is then server in a network to collect feedback from the participants

StatWatch - A way to track the development YouTube channel and projects
StatWatch helps youtubers and freelancers to keep track of their YouTube channel of their website or web application by bringing out different stats like views, subscriber count, video count, alexa rank using appropriate API's every 24 hours.

Offline adhoc library
FSFTN took up a initiative to create a offline library of e-books by creating a adhoc network and hosting a service which servers all these e-books. The creation of adhoc network required flashing the router with a custom firmware which enables adhoc mode. I am a part of the team and still working in it.

Slam Book for farewell
A slam book implemented as a web application which was built using elixir and phoenix. It was pushed onto git and then deployed in heroku.

Cross platform blog recommendation using reading history (Ongoing)
Making up my final year project is a recommendation system for blogs which provides cross-platform recommendation of blogs based on user's reading history. The system using machine learning for gathering recommendations and the web interface for user's is done using ReactJs for the front end and ExpressJs for the back end.

Guider CMS
While working for a very short while in Lakeside Lab, a startup with less than 5 people, I came up with a Rails Engine named guider cms, which can integrate a ready to user cms system for blogs and articles for your website, or web app with proper authentication. The project uses tree algorithms to minimise the number of tables. The engine can be used with any rails project

Aristo LMS
Aristo LMS was also a project done whilst working for Lakeside Lab. This also is a rails engine which performs a operation of a learning system which provides a course and topics and content like videos under that course. The purpose of creating such a system as an engine was to make it reusable in multiple rails project. This project like the guider cms also uses trees to minimise the number of tables.

Tnelat
Tnleat is aimed at becoming a talent development framework which helps people organize their work in order to develop a skill/talent which then automatically helps the person working to develop a skill to develop his/her personal brand and build network. The project involves complex algorithms and heavy association between tables to achieve this. Tnelat is built completely using Ruby On Rails.

SESSIONS

Sessions on FOSS Philosophy
Introducing people into the FSFTN community with the philosophy which is driving the FOSS communities.

Sessions on Elixir Language
Elixir and phoenix learning initiated by FSFTN learning community.

Flashing the router
Flashing a router with new firmware which is required or the creation of adhoc network.

Linux Shell
Basic Shell commands encouraging students to use linux and explore its command line interface.

Elixir Programming Language Sessions on YouTube
Elixir tutorial videos are regularly uploaded in my channel for beginners to learn and explore the language on YouTube.

WORKSHOPS AND CERTIFICATIONS

Tech Synergy Camp
Annual Camp Conducted by Free Software Foundation Tamilnadu, where i played the role of a mentor of participating students. Topic of HTML, CSS, Javascript, ReactJs and Blender were taken

FSMI Hacktivist Camp
The Annual Camp conducted by Free Software Movement Of India (FSMI), where ideas and strategies of how free software community works and should work was brought to light

Business English Certification
Cambridge English Level 1 Certificate in Business International(Business Vantage)