

MINAT SILVESTER K

Elixir/Phoenix, ReactJs, Ruby on Rails | FOSS Enthusiast

@ minatsilvester@gmail.com +91 7639883938 6i, West Block, Sis Meridian, Lakshmi Nagar, Velachery Chennai, Tamil Nadu, India
https://minatsilvester.blogspot.com linkedin.com/in/minat-silvester-80a2a8148/ https://medium.com/@minat_silvester
github.com/minatsilvester https://www.youtube.com/channel/UCO4kvzDvzNfWqNBqX4WHMLg https://www.tnelat.com/minatsilvester

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

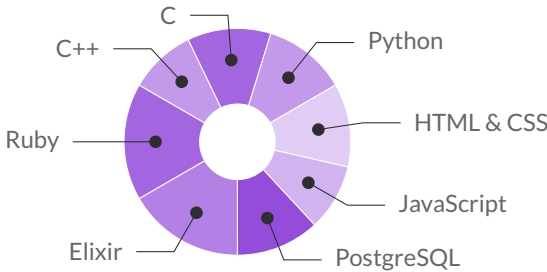
Holy Family High School

June 2013 – April 2014 Mumbai

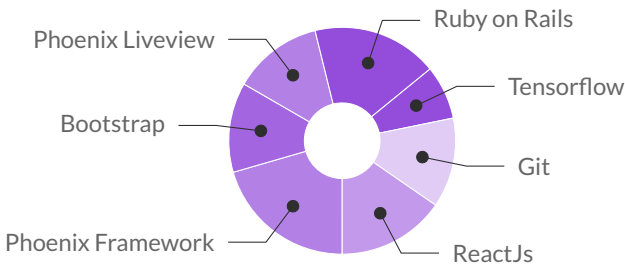
- 79.80% Maharashtra State Board Syllabus

TECHNICAL SKILLS

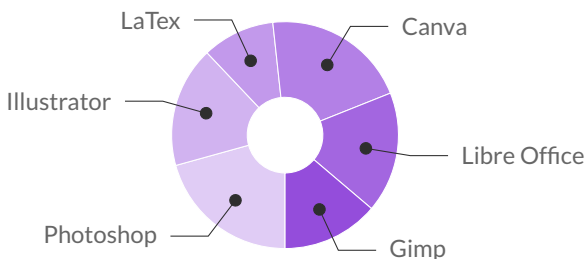
Programming Languages



Tools and Frameworks



Design Tools and Software



CAREER OBJECTIVE

“Pour in my passion for building new things thereby playing my part in the never-ending quest taken up by humanity of contributing to science and making a better world or worlds for life as we know it to thrive.”

EXPERIENCE

Lead Engineer

Aktelo Technologies Pvt Ltd

Feb 2023 - current Chennai

Software Engineer

Wynwy Technologies Pvt Ltd

Sep 2021 - Feb 2023 Chennai

Junior Engineer

Lakeside Lab Private Limited

Jan 2019 - Oct 2021 Bangalore

Intern

Lakeside Lab Private Limited

November 2018 Tirunelveli

VOLUNTEERING



Free Software Foundation Tamil Nadu

Executive Committee member and active volunteer of Free Software Foundation Tamil Nadu since 2017



Eegai Seivom

Active volunteer in the NGO formed by my college students formed in 2021

INTERESTS

Full Stack Development

Database Management

Machine Learning

Functional Programming

Books

Motor racing

Martial Arts

LANGUAGES

Tamil

English

Hindi

Marathi

Gujarati

PROJECTS



Micro action user engaging platform - Aktelo Technologies

The project originated as an experiment for a talent development framework, which was subsequently expanded to generate activities based on any given configuration. Users within the system are assigned activities, the culmination of which results in the creation of content such as blogs and journals unique to each user, displayed within their profiles. We explored various configurations, including one named StudyBoosterAI, designed to assist primary school students in maintaining proficiency in their subjects by providing relevant activities. Additionally, there was a B2B scenario resembling a newsletter system, where the admin had the responsibility of creating activities to write blogs, and readers were given corresponding activities to read those blogs. I undertook the initiative to launch the project from its inception, handling the majority of the coding and engineering tasks. I also ensured the implementation of the Test-Driven Development (TDD) methodology throughout the project's development and deployment phases.



InConn, Asset Intelligence and Management platform - Wynwy Technologies

Inconn was a project developed to automate Preventive Planned Maintenance workflows, requiring the entry of all assets within a building or campus, regardless of size. Templates were then created against these assets for generating maintenance activities based on specified frequencies, ranging from minutes to years. The project incorporated a user management system, classifying users based on their shifts, and included a mini attendance system. Maintenance activities were assigned to individuals present during their respective shifts. Over time, we expanded the system to continuously gather data from sensors placed in these assets, offering clients a real-time summary of their campus status. My responsibilities included liaising with management to understand desired features, translating them into technical requirements, creating and assigning stories to the development team, and overseeing the deployment process.



Guider CMS - Lakeside lab

While working for a very short while in Lakeside Lab, We came up with a Rails Engine named guider cms, which can integrate as a ready to use cms system for blogs and articles for your website, or web app with proper authentication. The project uses tree algorithms to minimize the number of tables. The engine can be used with any rails project. I was responsible for the development of the entire project



Aristo LMS - Lakeside Lab

Aristo LMS was also a project done whilst working for Lakeside Lab. This also is a rails engine that performs the operation of a learning system that 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 projects. This project like the guider cms also uses trees to minimize the number of tables. I was responsible for the development of the entire project



Workshop Feedback system using Elixir/Phoenix

FSFTN conducts a lot of workshops at different times of the year and it needed an efficient feedback system other than using pen and paper. As a solution a web application was created by us using elixir/phoenix which is then served in a network to collect feedback from the participants

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)



TOFEL

Secured a TOFEL score of 109