Profile: Govintharaj

Profile

Engineer with 1+ year experience in Python application development.

Skills

- Knowledge in Python programming
- Knowledge in Flask and Django
- Knowledge in Odoo framework
- Knowledge in Pandas

Project Experience

Unit Tests for Smash

Smash is a microcontroller flashing tool, which currently support NXP 8051 and ARM microcontrollers. The flashing tool has a GTK+ GUI and command-line interface. This project involves adding unit test cases to the various module of the programming tool.

- Study of Python Unit Test framework
- Study of Hex File Format
- Development of Unit Tests for Hex File Parser
- Development of Unit Tests for the Microcontroller Module

Tally Import for ODoo Accounting

ODoo is an open source ERP framework, that has various modules including CRM, e-commerce, accounting, manufacturing, etc. This project invovles adding support for importing data from Tally accounting software. The data from Tally was exported to Excel spreadsheet format, which was then read into a Pandas dataframe, and loaded into Odoo database, through a custom Odoo module.

- Study of Odoo ERP framework
- Study of Pandas package
- Development of Odoo module for import Tally Data
- Development of load exported Tally Data into Odoo

File Sharing using Block Chain Concept

This was a demo project that involved the development of a file sharing system using the concepts in Block Chain technology. A web based user interface was provided for administrative purpose.

- Study of Block Chain technology
- Study of Flask Framework
- Customization of Block Chain application to implement file sharing

Education

- B.Tech IT in Mepco Schlenk Engineering College, Sivakasi, 2018

Contact

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