

## VISHNU V

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Source Code: <https://github.com/vishnuvijayakumar49>

### Summary

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Electronics Engineering fresher passionate about Programming. Currently learning Python/Javascript etc by reading books, writing code and participating in MOOC's. Looking forward to working with a team of enthusiastic programmers preferably on Linux/Open Source based technologies.

Education                      Jyothi Engineering Collage,  
   Thrissur, Calicut University,  
   B.Tech in Electronics And Communication,  
   Aggregate percentage is 62%  
   2010-2014 Batch.

Technical Skills              Languages            : Python, Exposure to JavaScript, Scheme, Haskell.  
   Frameworks        : Flask  
   Version control   : Git

### Online Courses

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- Doing “6.00.1x Introduction To Computer Science and Programming Using Python” from MITx (Edx). The objective of the course was to teach basic ideas of computer science and software engineering using python programming language. It was a nice opportunity to learn python together with some computer science aspects from one of the best universities in the world.
- Doing “FP101x Introduction to Functional Programming from DelftX(Edx). The objective if the course is to teach the foundations of functional programming and how to apply them in the real world.

### Learning Activities

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- Converted SICP example programs into Haskell  
<https://github.com/vishnuvijayakumar49/SICP-examples-in-Haskell>
- Reading SICP (<http://mitpress.mit.edu/sicp/>) and working out the exercises  
<https://github.com/vishnuvijayakumar49/sicp-solution>

- Studied Decorators, Iterators and Generators in Python  
<https://github.com/vishnuvijayakumar49/Python-iterators>  
<https://github.com/vishnuvijayakumar49/Python-generators>  
<https://github.com/vishnuvijayakumar49/Python-decorators>  
<https://github.com/vishnuvijayakumar49/Functional-programming-Python>
- Reading the “Python practice book” and working out the exercises  
<https://github.com/vishnuvijayakumar49/anand-python>
- Studied Python code for Huffman Data Compression, Water Bucket Problem and a simple Lisp Interpreter (written in Python) and converted them to JavaScript.  
<https://github.com/vishnuvijayakumar49/water-bucket-in-js>  
<https://github.com/vishnuvijayakumar49/lisp-interpreter-in-js>  
[https://github.com/vishnuvijayakumar49/huffman-data\\_compression-in-js](https://github.com/vishnuvijayakumar49/huffman-data_compression-in-js)
- Implemented a simple blog application using Flask  
<http://github.com/vishnuvijayakumar49/Blog-using-flask>
- Implemented simple paint application using Flask plus JavaScript  
<https://github.com/vishnuvijayakumar49/paint-app-using-flask>
- Implemented shorturl application using both Flask  
<https://github.com/vishnuvijayakumar49/URL-Shortner-Using-Flask>
- Curriculum Projects
  1. Mini Project: Transistor, SCR and Diode Tester  
 Description: The Transistor, SCR and Diode Tester works by identifying the reliability of electronics components and indicates the working condition.
  2. Main Project: Smart Home Using Android  
 Description: An android phone controls electric devices in a home and a wattmeter measures the consumption of energy