

# Nidhin P P

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Blog: [nidhinp.wordpress.com](https://nidhinp.wordpress.com)

## Objective

To obtain a position in an esteemed organization that will enable me to use my strong organizational skills, educational background, and ability to work well with people.

## Education

- B.Tech **Govt. Engineering College, Thrissur, University of Calicut, 2012.**  
Computer Science and Engineering 60.01%
- HSE **St. Antony's Higher Secondary School, Mala.**  
Computer Science 81.17%
- SSLC **THS Puthenchira, Velloor, 89.47%.**

## Online Courses

- **Introduction to Computer Science and Programming** at [edx.org](https://edx.org) from **MIT**  
Final Grade: 97%  
Certificate: [nidhinp.wordpress.com/2014/04/26/mit-certificate/](https://nidhinp.wordpress.com/2014/04/26/mit-certificate/)  
Being able to understand the relevant subtleties of the Python language, critically think about approaches to solve the problem.  
[www.edx.org/course/mitx/mitx-6-00-1x-introduction-computer-1498](https://www.edx.org/course/mitx/mitx-6-00-1x-introduction-computer-1498)
- **Introduction To Systematic Program Design** at [coursera.org](https://coursera.org) from **The University of British Columbia**  
Being able to design simple programs is a new form of literacy. Being able to desing programs systematically will allow you to organize, store, analyze and visualize information and much much more.  
[www.coursera.org/course/programdesign](https://www.coursera.org/course/programdesign)

## Personal Information

Age 24  
Date of Birth 4 December 1989  
Sex Male

## Technical Skills

Key Skills Python, C, Java, Shell Scripting, LaTeX, Assembly, Racket  
Platforms Linux, Windows  
Databases PostgreSQL, SQLite3  
Version Control Revision control with git  
Web Technologies Django, Flask, JavaScript, jQuery, JSON, HTML5, CSS,

## B.Tech Main Project

|             |  |
|-------------|--|
| Title       | Implementation of Linux Device Driver for a Temperature Sensor   |
| Description | This project aims at building a hardware device for measuring the temperature of a given area. A device driver for Linux kernel has been implemented for making the hardware compatible with it. |
| Language    | C  |
| Tools Used  | ATMega8 microcontroller  |

## B.Tech Mini Project

|             |   |
|-------------|---|
| Title       | Camouflage Xtreme   |
| Description | Software tool that combines steganography and encryption techniques. This tool can encrypt message using AES and hide it in an image. |
| Language    | Python  |

## Other Projects

### Paint App Using Django

|             |  |
|-------------|--|
| Description | A basic paint application using Javascript and HTML5 canvas. Provides almost all basic paint functions.                          |
| Languages   | Python, JavaScript, HTML5  |
| Database    | PostgreSQL   |
| Framework   | Django   |
| app         | <a href="http://django-paint-app.herokuapp.com/">django-paint-app.herokuapp.com/</a>   |
| code        | <a href="https://github.com/nidhinp/paint-app-in-django">github.com/nidhinp/paint-app-in-django</a>                              |
| blog        | <a href="http://nidhinp.wordpress.com/2014/02/19/paint-app-in-django/">nidhinp.wordpress.com/2014/02/19/paint-app-in-django/</a> |

### Blog App Using Django

|             |  |
|-------------|--|
| Description | A blog app which can be used to write, view posts and an additional option to comment on existing posts.                                       |
| Languages   | Python, HTML5  |
| Database    | PostgreSQL   |
| Framework   | Django   |
| app         | <a href="http://new-django-microblog.herokuapp.com/">new-django-microblog.herokuapp.com/</a>   |
| code        | <a href="https://github.com/nidhinp/blog-app-in-django">github.com/nidhinp/blog-app-in-django</a>  |
| blog        | <a href="http://nidhinp.wordpress.com/2014/03/01/blog-application-in-django/">nidhinp.wordpress.com/2014/03/01/blog-application-in-django/</a> |

### Graph Colouring App using Django

|             |  |
|-------------|--|
| Description | Graph coloring is a special type of problem in graph theory, which has great practical importance. An app to colour the vertices of graphs.        |
| Languages   | Python, JavaScript, HTML5  |
| Framework   | Django   |
| app         | <a href="http://graphs-django.herokuapp.com/">graphs-django.herokuapp.com/</a>   |
| code        | <a href="https://github.com/nidhinp/graphs-using-django">github.com/nidhinp/graphs-using-django</a>  |
| blog        | <a href="http://nidhinp.wordpress.com/2014/03/21/graph-coloring-app-in-django/">nidhinp.wordpress.com/2014/03/21/graph-coloring-app-in-django/</a> |

### Lisp Interpreter

Description Implementation of Lisp interpreter using JavaScript  
Language JavaScript  
code [github.com/nidhinp/Lisp-Interpreter](https://github.com/nidhinp/Lisp-Interpreter)  
blog [nidhinp.wordpress.com/2013/12/06/lisp-interpreter-in-javascript/](https://nidhinp.wordpress.com/2013/12/06/lisp-interpreter-in-javascript/)

### Blog App Using Flask

Description A blog app which can be used to write, view posts and an additional option to comment on existing posts.  
Languages Python, JavaScript, HTML5  
Database PostgreSQL  
Framework Flask  
app [new-flask-miniblog.herokuapp.com/](https://new-flask-miniblog.herokuapp.com/)  
code [github.com/nidhinp/flask-blogapp](https://github.com/nidhinp/flask-blogapp)  
blog [nidhinp.wordpress.com/2014/01/27/blog-application-in-flask/](https://nidhinp.wordpress.com/2014/01/27/blog-application-in-flask/)

### Paint App Using Flask

Description A basic paint application using Javascript and HTML5 canvas. Provides almost all basic paint functions.  
Languages Python, JavaScript, HTML5  
Database PostgreSQL  
Framework Flask  
code [github.com/nidhinp/Paintapp-Flask-PostgreSQL](https://github.com/nidhinp/Paintapp-Flask-PostgreSQL)  
blog [nidhinp.wordpress.com/2014/02/19/paint-app-in-flask/](https://nidhinp.wordpress.com/2014/02/19/paint-app-in-flask/)

## Activities

- Blogging: [nidhinp.wordpress.com](https://nidhinp.wordpress.com)
- Coding: [github.com/nidhinp](https://github.com/nidhinp)

## Personal Skills

- Comprehensive problem solving abilities.
- Excellent verbal and written communication skills.
- Positive attitude.
- Hard worker and a team player.

## Hobbies and Interests

- Watching movies and blogging.
- Playing football, chess.

## Declaration

I hereby declare that the above given entries are true to the extent of my knowledge and belief.

Place :Thrissur  
Date :24-05-2014

(Nidhin P P)