

# Nidhin P P

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Blog: [nidhinp.wordpress.com](http://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/](http://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.
- **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 design programs systematically will allow you to organize, store, analyze and visualize information and much much more.  
[www.coursera.org/course/programdesign](http://www.coursera.org/course/programdesign)

## Personal Information

Age 24  
Date of Birth 4 December 1989  
Sex Male

## Technical Skills

Key Skills Python, C, Java  
Platforms Linux, Windows  
Databases PostgreSQL, SQLite3  
Web Django, Flask, JavaScript, HTML  
Technologies

## 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 [django-paint-app.herokuapp.com/](http://django-paint-app.herokuapp.com/)

code [github.com/nidhinp/paint-app-in-django](https://github.com/nidhinp/paint-app-in-django)

blog [nidhinp.wordpress.com/2014/02/19/paint-app-in-django/](http://nidhinp.wordpress.com/2014/02/19/paint-app-in-django/)

### 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 [new-django-microblog.herokuapp.com/](http://new-django-microblog.herokuapp.com/)

code [github.com/nidhinp/blog-app-in-django](https://github.com/nidhinp/blog-app-in-django)

blog [nidhinp.wordpress.com/2014/03/01/blog-application-in-django/](http://nidhinp.wordpress.com/2014/03/01/blog-application-in-django/)

### 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/](http://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/](http://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/](http://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/](http://nidhinp.wordpress.com/2014/02/19/paint-app-in-flask/)

### Activities

- Blogging: [nidhinp.wordpress.com](http://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 football.
- 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 :13-Aug-2014

(Nidhin P P)