

# Shivam Patel

Data scientist. Devops. Cloud.

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## EXPERTISE

- **Python** - Core to Advanced.
- **Python** - Tkinter and PyQt5 for GUI development.
- **Machine Learning** - Python with Sklearn
- **Deep Learning** - Python with Tensorflow and keras.
- **JavaScript** : Intermediate
- **Reinforcement Learning** : Basic.
- **Web Development** : HTML, CSS and JS.
- **Django** : Web development framework in python.
- **Data Science**.
- **Natural Language processing** : NLTK and spacy.
- **Computer Vision**.
- **Strong programming and mathematical skills**.
- **Fast and flexible in learning new things**.
- **Kivy**: Interactive front end and back end software dev.
- **Strong Academics knowledge**.
- **Networking concepts** : Sockets with python.
- **Database concepts** : MySQL and MongoDB with python.
- **Q-learning** : Reinforcement learning.

Many more.

## SKILLS

- Python - Certified coder
- C and C++
- Java and javascript
- Html, css
- .Net and c#
- Communication skills
- Team work and smart work.
- Cloud computing - AWS.
- Bash.
- Working with Git.
- DBMS with SQL.
- Servlets and JSP.

## ABOUT ME:

Hi, I'm an engineer of developing India seeking to grow myself and contribute in the growth of country too.

I'm have a good set of skills in my bag and also willing to add more. I have worked on almost all technologies in my college time but i have expertise in Data science and Devops along with web development.

Will be happy to work together and cheers for mutual growth !!

## PROJECTS

**Hospital Manager** - made windows app for clinic management at small scale

**Credit card verifier** - made ml model to verify credit card transaction

**Heart Manager** - made ml model to check heart health accurately

**Web development** - was part of developer team in college annual fest website.

**Information Management** - With use of MongoDB.

**Sentiment Analysis** - With use of Machine learning and nlp.

**Loan prediction** - Machine learning.

**Personal Accounting management** - with python.

**News classification** - with the use of machine learning and nlp.

**Dynamic image classifier** - with use of deep learning concepts.

**Hand gesture controlling system** - with use of openCV (currently project is under progress).

**GUI development** - with use of kivy and python.  
Many more.

## SKILLS continued

- **Jenkins** Tool for CI/CD.
- **Ansible** for configuration management.
- **Docker** for containerization.
- **Terraform** for infrastructure as code
- **AWS services**.

## EXPERIENCE

- Intern at infostretch (devops). (2 months)
- Employee at infostretch. (on going)

## ACTIVITIES

Active contender in online coding quiz and secured ranks too.

Coding challenges refer to Hackerrank.com, kaggle.com

Active Learner from Edx, Udacity and Udemy.

Active on lectures of Stanford with series CS.

Learner from NPTEL.

## PROJECTS UNDER PROGRESS:

**Interview BOT** – making software for AI taking your technical interview.

**Research : Answer quality assessment**– working on topic of natural language processing for answer assessment.

**Behavioural chatbot** – creating chatbots that behave as per our design (ChatBot).

**Research : Text generating chatbot** – generating text with use of RNN(deep learning neural network with Babi dataset).

## CERTIFICATIONS

AWS workshop.

Microsoft Azure – ML workshop.

Android App development workshop.

## EDUCATION

**C.E.M.S,Anand** — *SSC and HSC*

2013-2016

Completed SSC with 88% and HSC with 78% and

JEE score 110.

**SVIT, vasad** — *B.E*  
(computer)

2016-2020

Current CPGA:- 8.1

