

# Himanshu Patel

Full Stack Developer

Hyderabad, Telangana, India.

**Email:** himanshu6443@gmail.com

**Github:** <https://github.com/Py-Himanshu-Patel>

**Mobile:** (+91) 8185000969, (+91) 8191816189

**LinkedIn:** [www.linkedin.com/in/patelhimanshu18](https://www.linkedin.com/in/patelhimanshu18)

## SKILLS

**Frontend Development:** HTML, CSS, JavaScript, jQuery, Bootstrap.

**Backend Development:** Django web framework, Django Rest Framework, MySQL, ORM.

**API testing and Development:** Postman, Swagger (Auto document REST API)

**Deployment and Tools:** Git and GitHub, Heroku, Python Anywhere, Docker, JIRA for Agile process, Slack.

**Machine Learning:** Python 3, Numpy, Pandas, Matplotlib, Jupyter Notebook, Spacy, Google CoLab

## EDUCATION

**Bachelor of Technology**

CGPA: 8.97

August 2017 - May 2021

Computer Science and Engineering

National Institute of Technology Uttarakhand

## ACHIEVEMENT

- **Code Forces** – Specialist (Highest Rating Achieved - 1406)
- **Problem Setter for Python** – Cut Short developers hiring platform
- **Winner Virtusa Neural hack 2020** – Winner of Hackathon out of 50K registered participants. Won title of “King of Neural Hack” for being the best performer.

## EXPERIENCE

### ➤ **Golcha Group: Django Backend Developer Internship (Product Development from scratch)**

Duration: 1-Jan-2021 to Current date (6 Months)

- Developed a REST API for front end of android. Optimized and maintained legacy code. Created several endpoints with different request privileges based on user type. All using Django and Django REST framework with rest auth for token authentication.
- API provide user registration and login with OTP and authentication for subsequent time is done using OAuth token. CRUD operation by logged in user using GET, POST, PATCH and PUT request.
- Introduced Context type framework in project to implement polymorphism in foreign key. This reduced code by 30% and optimized efficiency 3x. reduced searching 3 different databases to a constant time operation.
- Integrated Firebase Notification in REST API for different event and endpoint for android user to update their FCM token when required.
- Written test cases and automation scripts for populating database and then carry out test. Testing of API is also done one postman tool. Postman and YASG (Yet Another Swagger Generator) auto API documentation tool.
- Followed Agile Software Development with daily scrum meeting and task updates on JIRA and Slack.
- Code reviews and pushing code to remote repo with version control using Git and tagged release of software and resolve conflicts in merging branches if occurred.

### ➤ **Virtusa: Machine Learning and Neural Network for Reconciliation of Records**

Duration: 21-Sep-2020 to 30-Nov-2020 (2 Month)

- Trained a Named Entity Recognition Model using Spacy Library. Achieved 90% accuracy.
- Performed data preprocessing on raw data and using model extracted Named Entities from random text data. Correct the datatype of time, date, amount, etc.

- Based on several parameters of a given record (Bank Transaction) find the best possible match from a given Database Record. And Predict the match percentage based on the Fuzzy match of string and approximate match of numbers and dates.
- Classified the records as Fully matched, partially matched or not matched with 80% Accuracy.
- Converted this solution to a Django based dashboard and Deployed it on Heroku.

➤ **Prof-Cess: Python Developer Internship (Django Framework)**

Duration: 15-July-2020 to 15-Sep-2020 (2 Months)

- As a part of training developed a web app where users can register and write blogs and comments on others. Upload their profile pics and get their accounts verified (email verification). Finally Deployed the app on Heroku after testing.
- Develop a login and signup facility for users with a dedicated profile page, email verification. So that different user can have different login privileges.
- Developed a resume builder from scratch. Fill the form, select the template, and get resume as a PDF.
- Developed mail sending service from scratch with the flexibility of choosing a mail ID different than a registered mail ID for activating an account and getting updates.

