

# PARTH AGARWAL

✉ ra101.dev@protonmail.com | 🔗 linkedin.com/in/agarwal-parth | 🐙 github.com/ra101 | 🌐 ra101.dev | 📺 t.me/ra\_101

## Skills

<b>Languages</b>	:	Python, JavaScript & NodeJS, C, C++, C#, SQL
<b>Frameworks</b>	:	Django & DRF, ExpressJS, Unity3D
<b>Database</b>	:	PostgreSQL (vanilla, timescale & PostGIS), MongoDB, Redis
<b>Tools</b>	:	Git, GitLab CI, Docker, Ansible, Supervisor, cURL & Postman, Twillio, DialogFlow

## Experience

### SDE I (Backend) @ [innovaccer](#)

Feb 2021 ~ Mar 2022

- Lead Backend Developer for **OrlandoHealth** (Orlando, Florida).
- Built Health Care outreach solutions using **Django**, **PostgreSQL** and **Celery**
  - Multiple APIs & Data Migrations for millions of users across 4 clients.
  - Custom Middlewares, Parsers, CLI-Commands for Django.
  - Became incharge of 3 out of 5 microservices of our Product.
- Managed **GitLab** Pipelines for our Product.
- Created Auto-Deployment system for **MS-Flow** (A loathed!!! relic from Microsoft).

### SDE Intern @ [innovaccer](#)

Apr 2020 ~ Jul 2020

- Design, Develop & Deploy Backend for the following microservices (*Django & DRF*):
  - **ChatBot** that switches b/w various Internal APIs using **Intents** of **DialogFlow**.
  - Common **Payment System** using Stripe and Paypal APIs.
  - **Time based APIs** for Intergration of different **Fitbits'** data (used by data-team).

## Education

### Jaypee Institute of Information Technology, Noida Sec 62

B. Tech. (Hons.), C.S.E.  
CGPA: 8.0

July 2017 ~ Feb 2021

## Projects, Articles & Deployments

### MasquerBot:

<https://t.me/MasquerBot>

- Telegram Bot to encrypt and hide `text` data into an `image`, Coded in **Python**, Deployed on **Heroku**.
- Cache and DB are emptied every 10 minutes and URL changes every 6 hours to provide complete anonymity.

### namespace ra:

<https://dev.to/ra101/series/15046>

- A **suit** of modern **C++** libraries dealing with encryption and blockchain.
- "How to write a C++ Library" is one of most rated blogs! It explores strict naming style and code patterns, along with helper files.

### CAPTCHA Solver:

<https://youtu.be/rjx8Dks-Xq0>

- A Chrome ext. for solving CAPTCHA on a particular anime streaming website.
- **Python** for creating classifier (deep learning) & **JavaScript** to automate pushing button on webpage.

### theWTVlist:

<http://thewtvlist.epizy.com>

- Sort of IMDB clone, but only for web-series!, A working Implementation of user-management, rating and review system.
- "Advance Search" allows to filter out every possible field and stretches what **PHP & SQL** can do, to very extreme.

### Entry Management System:

<https://github.com/ra101/Entry-Management-Software>

- Records and manages Hosts and Visitors, Alerts Host if a Vistor logs-in, and after logging out the Vistor receives details of visit.
- Coded in **ElectronJS** & **FirebaseDB**. Its Alerts via Email (Nodemailer) and SMS (Nexmo API).

## Interests

• Photoshop      • Badminton      • 3D Printing      • Exploring IOT      • Blogging @ [dev.to](#)