

WILSON PATRO

Software Developer

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WORK EXPERIENCE

Hashtaglearn | Back-end Engineering Intern

📅 August 2020 – present

- Solely responsible for the back-end of the meeting app for students and teachers which we are building.
- Have created different APIs for several modules of the application.

Intellify | Software Development Engineering Intern

📅 April 2020 – July 2020

- Worked in the back-end of a live project developed in django, co-ordinated with the front-end team and designed the essential APIs.
- Developed the EQuiz module which was an essential part of the project, designed several other APIs, deployed and tested the server on heroku and AWS.

Green Turtle Gaming Technologies | SDE Intern

📅 May 2020 – July 2020

- Worked on the rummy game project from the beginning, created the back-end for it and designed the necessary APIs for the different modules Table Management, Validations, Gameplay etc.

PROJECTS

Comprehensive Information Retrieval

📅 February 2020 – present

- An information retrieval project on algorithms and real time distributed systems in which we are working to improve the search engines currently present including google, duckduckgo and design our own search engine.

Agventure - A portal for farmers

📅 January 2020 – April 2020

- A portal for farmers where we will be giving them crucial information about crops, weather and a platform where they can sell their crops at profitable prices.
- It has a special feature of pooling to help them in a unique way and is scalable.

Social Network

📅 August 2019 – November 2019

- Developed a social media platform for the users to upload, interact and form communities based on their interests.

Bookcafe

📅 August 2018 – November 2018

- A web application in Django where the users can browse through different categories of books and issue them from the library by booking a time limited token.

EDUCATION

Bachelor of Technology, CSE

IIIT Sri City

📅 Aug 2017 – May 2021

SKILLS

Languages

Python | Java | C++ | Node | JavaScript | HTML | CSS

Frameworks

Django | Django-REST | Express | Spring-Boot | Spring-REST | React

Tools

Git | Docker | TravisCI | Nginx

Databases

MongoDB | MySQL | PostgreSQL

Cloud

AWS | Heroku

Courses

Algorithms | Data Structures | Information Retrieval | Distributed Systems | Artificial Intelligence | Machine Learning | Theory Of Computation | Computer Communication Networks |

SOFT SKILLS

Leadership | Ability to Work Under Pressure | Decision Making | Time Management | Adaptability | Teamwork | Creativity

ACHIEVEMENTS & CERTIFICATES

- All India Runner Up at Smart India Hackathon 2019
- Algorithms Specialization by Stanford
- AWS Fundamentals : Building Serverless Applications
- System design and architecture by University of Alberta

EXTRACURRICULAR WORKS

President

Gradient (Programming Club) IIIT Sri City