

# Ashwani Yadav

A-012, Old Boys Hostel, Indian Institute of Technology, Patna

☎ (+91) 8299735195 | ✉ ashvadavash@gmail.com | 📱 ashwaniYDV | 🌐 ashwaniydv

## Education

### Indian Institute of Technology, Patna

B.TECH ELECTRICAL ENGINEERING

July 2018 - Present

Patna, India

- Major : Electrical Engineering
- Minor : Computer Science and Engineering

## Skills

**Programming** C/C++, Python3, JAVA

**Web** Node.JS, React.JS, Angular, MeteorJS, Django, Flask with Python, PHP

**Backend/Query Languages** GraphQL, REST APIs, MongoDB, MySQL, PostgreSQL

**Blockchain** Hyperledger Fabric and Composer, Ethereum and Solidity

**Hybrid App Technologies** React Native, Electron.JS, Meteor.JS

**Deep Learning** Tensorflow, Scikit-learn, PyTorch

## Internships

### Google Summer of Code '20, @Rocket.Chat

RocketChat, Remote

OMNICHANNEL: ADD SCREEN SHARING FEATURE IN THE LIVECHAT WIDGET

May. 2020 - Sep. 2020

- This project is focused to implement a new interface between Rocket.Chat and the Omnichannel Livechat widget, allowing Agents to get real-time screen-share on customer's devices.
- So, we need to implement a kind of generic bridge and then add screen sharing providers such as cobrowse.io.
- Cobrowse.io will be the first provider supported through the generic bridge.
- <http://github.com/rocketChat>

## Experience

### Inter IIT Technical Meet, Ashoka's Tech for Change Challenge

IIT Roorkee, India

BLOCKCHAIN/BACKEND DEVELOPER

Dec. 2019

- With the vision, "Technology is not an end in itself, it's a means to an end", participants are supposed to develop a product using technology to solve an existing societal problem. Also, form a suitable business model around the same.
- Our aim is to make an ecosystem for farming wherein crop production, required financial input, and farm products directly sold to consumers will be done on a single platform. We will be using Blockchain technology to store the farmers' records. This will ensure that the information remains secure while being decentralised across different peers.
- Our team won gold medal in final evaluation which was awarded by director of IIT Roorkee.
- <https://dsciiitpatna.github.io/Ashoka-Front-End>

### Byteworld TCF'19 Hackathon

NIT Patna, India

BACKEND/FRONTEND DEVELOPER

Jan. 2019

- Problem Statement - Over decades, medical facilities have evolved elegantly. Still most of us are the witness of the fact that whenever we see a doctor, we need to put forward our medical file in front of him/her. Our file contains our previous prescriptions, medical reports, X-Rays, MRIs etc. It is a tedious task to keep record of all these.
- Aim of the Project - We aim to provide a digital solution to this problem so that next time when you visit your doctor, you don't need to carry your medical file. We will be using Blockchain technology to store the patient records. This will ensure that the information remains secure while being decentralised across different peers.

## Projects

## IITP App(Institute App)

CORE BACKEND AND FRONTEND DEVELOPER

*IIT Patna, India*

*May, 2019 - PRESENT*

- Institute utility app for IIT Patna students
- Backend in Node.JS and user interface using React.JS.
- Link to project - <https://github.com/doDev-IITP/IITP-Webapp>
- Temporary Host - <http://iitpapp.herokuapp.com/>

## Sahaayak Server and React Frontend

*Developer Student Club, IIT Patna,  
India*

MEMBER OF BACKEND DEVELOPER TEAM

*Mar. 2019 - Present*

- Sahaayak is a platform for the talented vendors and people who all are willing to work but not getting a right platform or chance to convert their passion and talent into their scalable profession.
- Creating a good and fair competition in the market allowing them to grow. This will allow customers to have a bunch of talents to select among the best combination (rate + rating).
- APIs are developed using Node.JS and user interfaces are developed using React.JS.
- Link to project - <https://github.com/dsciitpatna/sahaayak>

## Zero-shot Image Recognition

*IIT Patna, India*

ACADEMIC PROJECT (CS244-INTRODUCTION TO DATA SCIENCE)

*Jan. 2020 - Present*

- Image classification: Zero-shot Image Recognition Using Relational Matching, Adaptation and Calibration
- Zero-Shot learning method aims to solve a task without receiving any example of that task at training phase. It simply allows us to recognize objects we have not seen before.
- Built using tensorflow and keras
- Link to project - <https://github.com/ashwaniYDV/Zero-shot-Image-Recognition>

## Positions of Responsibility

---

### Coordinator of NJACK, the Coding Club of IIT Patna

*IIT Patna, India*

DEVELOPMENT AND OPEN SOURCE

*Mar 2020 – Present*

### Coordinator of Celesta, the Annual Techno-management fest of IIT Patna

*IIT Patna, India*

WEB AND APP DEVELOPMENT COMMITTEE

*Mar 2020 – Present*

### Sub Coordinator of NJACK, the Coding Club of IIT Patna

*IIT Patna, India*

DEVELOPMENT AND OPEN SOURCE

*Aug 2019 - Feb 2020*

### Sub Coordinator of Celesta, the Annual Techno-management fest of IIT Patna

*IIT Patna, India*

WEB AND APP DEVELOPMENT COMMITTEE

*Aug 2019 – Feb 2020*

### Sub Coordinator of Anwesha, the Annual Cultural-management fest of IIT Patna

*IIT Patna, India*

WEB AND APP DEVELOPMENT COMMITTEE

*Aug 2019 - Feb 2020*