Ashwani **Yadav**

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

(+91 8299735195 | ✉ ashyadavash@gmail.com | ⌨ ashwaniYDV | 🔗 ashwaniydv

Education

Indian Institute of Technology, Patna	*July 2018 - Present*
B.TECH IN ELECTRICAL ENGINEERING	*Patna, India*
Current CPI (after 3 semesters) : 7.83/10	

Technical Skills

Programming	C/C++ (Proficient), Python3
Web	Node.JS (Proficient), React.JS (Proficient), MeteorJS, Django, PHP, Graphql, MongoDB, MySQL
Blockchain	Ethereum and Solidity
Deep Learning	Tensorflow

Work Experience

Google Summer of Code '20, @Rocket.Chat	*RocketChat, Remote*
OMNICHANNEL: ADD SCREEN SHARING FEATURE IN THE LIVECHAT WIDGET	*May. 2020 - Sep. 2020*

- Developed a generic screen-sharing provider using **dependency inversion principle** written in **typescript**
- Implemented a new interface between Rocket.Chat and the Omnichannel Livechat widget, allowing Agents to get real-time screen-share on customer's devices.
- Creating optimized **RESTful APIs** for exposing the backend functionality to the UI/UX
- Implemented API's in RocketChat's JS.SDK

Honors & Awards

Gold Medal at Inter IIT Technical Meet, Ashoka's Tech for Change Challenge	*IIT Roorkee, India*
BLOCKCHAIN/BACKEND DEVELOPER	*Dec. 2019*

- Built a blockchain-based web-application for farmers and their investors using Solidity to create smart contracts.
- More info

1st price at Byteworld TCF'20 Hackathon held at NIT Patna	*NIT Patna, India*
DEV TEAM MEMBER	*Jan. 2019*

Key Projects

IITP App(Institute App)	*IIT Patna, India*
CORE BACKEND AND FRONTEND DEVELOPER	*May. 2019 - PRESENT*

- Developed institute utility app for IIT Patna students. Used NodeJS for API's and ReactJS for user intrfaces. Our team member built the android app too.
- Github Repo (Backend), Github Repo (Frontend)

Zero-shot Image Recognition	*IIT Patna, India*
ACADEMIC PROJECT (CS244-INTRODUCTION TO DATA SCIENCE)	*Jan. 2020 - Present*

- Used **Tensorflow** and Keras to do Image classification using **Zero-shot Image Recognition**
- Github Repo

Other Projects

Rocket.Chat Github Integration App	*RocketChat, Remote*
ROCKET CHAT APPS-ENGINE AND TYPESCRIPT	*May. 2019 - PRESENT*

- Built a RocketChat App using Apps Engine which can be installed as a plugin in rocket chat server that integrates with Github through a webhook and gives all the updates of public repo. Also built various slash commands for its use.
- Github Repo

Sahaayak   *Developer Student Club, IIT Patna,*
                                                                                                    India
MEMBER OF DEVELOPERS TEAM   *Mar. 2019 - Present*
- Created a platform named Sahaayak 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.
- Github Repo

Graphql React Event-booking app   *IIT Patna, India*
GRAPHQL   *Jan. 2020 - Present*
- Built a event booking app in Graphql with JWT authentication
- Github Repo

Chatcord, a socket.io chat-app   *IIT Patna, India*
SOCKET.IO   *Jan. 2020 - Present*
- Realtime chat app with websockets using Node.js, Express and Socket.io with EJS as templating engine on the frontend. Supports notification bots, emoji picker, create new rooms and join existing rooms.
- Github Repo

Positions of Responsibility

Coordinator of NJACK, the Coding Club of IIT Patna   *IIT Patna, India*
DEVELOPMENT AND OPEN SOURCE   *Mar 2020 – Present*
- Introduced CTF (Capture the Flag) hacking competition and advanced techniques and strategy for CTF

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 Anwesha, the Annual Cultural-management fest of IIT Patna   *IIT Patna, India*
WEB AND APP DEVELOPMENT COMMITTEE   *Aug 2019 - Feb 2020*