

Ashwani Yadav

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

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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://dsciiipatna.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

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.
- Link to project - <https://github.com/dsciitpatna>

Sahaayak

Developer Student Club, IIT Patna,
India

MEMBER OF FRONTEND 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).
- User interfaces are developed using React.JS.
- Link to project - <https://github.com/dsciitpatna>

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