

ARNAV VATS

@ arnavvats97@gmail.com
in linkedin.com/in/arnavvats

8709-830-124
github.com/arnavvats

National Institute of Technology Patna

Patna, Bihar



EXPERIENCE

Remote Fullstack Developer

PenPencil

May 2018 – March 2019

Delhi, India

- Implementation of SAAS software on different platforms using Angular and Ionic.
- Implemented frontend for new software modules and fixed bugs and optimised different modules. Used different techniques to improve scalability and customisability of product with increasing customers.

Technical Lead

Techno - Cultural Festival 2019

September 2018 – January 2019

Patna, India

- Digitalized a lot of processes at TCF NIT Patna effectively cutting down cost and time.

PROJECTS

Medepi

Smart India Hackathon 2019

Feb 2019 – Mar 2019

- A software which detects and predicts spread of epidemics in real-time and sends alerts to people.
- The software consisted of an admin panel, a user-app and a Machine Learning Model for prediction.
- The prediction algorithm took historical data of people suffering v/s weather on for different locations and predicted the spread and extent of the disease in the area.
- Some of the key features were a heatmap of epidemic spreads, prediction of disease a person has depending on the symptoms and hospital catalogue of nearby area.
- Web-scraping of health-related news and everyday weather was implemented to train the models.

TCF'19 NITP

Techno - Cultural Festival 2019

Sep 2018 – Jan 2019

- The software consisted of a user-PWA, an admin panel and firebase as the backend.
- Implemented online registrations, payments, campus ambassador program, online tests for competitions and digital certification and live streaming with youtube API. Administrative panel for the fest was made which resulted in more convenience and cost cut-down for the festival. The software's flexibility can be used to implement the system for any kind of events.
- Github - <https://github.com/arnavvats/corona18.git>
<https://github.com/arnavvats/admin-tcf.git>
- Link - tcf.nitp.tech, tcf-admin.nitp.tech, test.nitp.tech

MY LIFE PHILOSOPHY

"Great things never come from comfort zones."

MOST PROUD OF



Winner - Smart India Hackathon 2019

Winner of SIH 2019, the hackathon with largest participation in the world.



Organizer - HackNITP v1

Organized a hackathon with participants from IIT, BIT & NIT Patna, raising funds for prizes worth Rs2.5L with sponsors such as JetBrains & CodingBlocks.



Runner up - Bihar Hackathon 2017

Runner up of first Bihar Hackathon 2017.

STRENGTHS

Hard-working

Motivator & Leader

Team Player

Risk-taker

C/C++

Data Structures and Algorithms

JavaScript

PHP

Design Patterns

Matlab

Python

Statistical Analysis

Machine Learning

EDUCATION

B.Tech. - ECE

National Institute of Technology, Patna

Aug 2016 – May 2020

CGPA - 7

12th in PCM - BSEB

MRJD Inter College, Begusarai, Bihar

March 2013 – March 2015

Aggregate - 75

10th - ICSE

St. Pauls School, Begusarai

Mar 2013

Aggregate - 85