

Mohit Kumar Singh

mohitks@iitk | +91.8210.562811

EDUCATION

IIT KANPUR

BTECH IN CHEMICAL ENG.

Apr 2020 | Kanpur, India

Cum. GPA: 8.1/10

INTERMEDIATE CBSE

Phy•Chem•Maths•Comp

May 2016 | DAV, Jamshedpur

Cum. GPA: 94.8%

LINKS

Github:// MohitKS5

LinkedIn:// mohit-singh-iitk

Gmail:// mohitkumarsingh907

SKILLS

PROGRAMMING

Over 50,000 lines:

Node|Express • Postgres • ES6 • CSS

TypeScript • Angular 6+ • React

Over 10,000 lines:

Flutter • Dart • Golang • Firebase

Familiar:

Docker • MongoDB • SQL • Postgres

Utilities:

LaTeX • HTML/XML • Git

Tools:

Android Studio • Microsoft Azure • Emacs

COURSES

ESC101 • Data Structure & Algorithms

Computer Organisation • Linear Algebra

Numerical Methods • Microeconomics

ACHIEVEMENTS

JEE ADVANCED'16

AIR 1964

Among 1.5 Lakhs top JEE Mains qualified aspirants from all over India.

CODE.FUN.DO

Courseware, March'17

Successful submission of php based courseware.

FORMULA STUDENT CAR

IITK Motorsports

Designed, built and drove Formula

Student car worth **3 Million**

PROJECTS

CHOWKIDAAR-ELASTIC STACK WATCHER | NOBROKER INTERN

13 May 2019 - 30 May 2019

- Created a **MERN** application integrated with **elastic search** engine to calculate and **notify** inconsistencies in data as alerts on slack.
- Visualization** of realtime data using dynamically generated scripts for **Kibana**.
- Completely **dockerized development & production** configurations.
- Open source** product with intuitive material UI and **JSDOC** documentation.

LEAD CREATION MIRCROSERVICE | NOBROKER INTERN

20th June 2019 - 12th July 2019

- Created MERN application to smartly show a list of **recommended properties** based on **organic search** and recent **user-specific events**.
- On site Call** support and **scheduler** to connect customers and fix appointments.

MERGE SORT AS FINITE STATE MODEL (FSM) | NOBROKER INTERN

1st June 2019 - 4th June 2019

- Task to **sort 15000 images** in least possible manual comparisons.
- Implemented merge sort as a **five state sequential model** governed by post requests between **UI & node server**.

MARKET EXCHANGE API & ADMIN PORTAL | BITPARX (STARTUP)

May 2018

- Developed an application in **Golang** for bitcoin market based on binance.
- implemented **Websockets** for real time data endpoints such as market tickers.
- mail service** for mass mailing, email verification, advertisements and stuff.
- Frontend to the market api, featuring **real time tickers**, order, transactions.
- Asset management**. Net volume held in various servers, candlesticks, relevant graphical representations and **level based authentication system**

FINER EDGE | FLASH FREELANCE WEB DEVELOPER

Dec 2018

- Prepare a website for the finer Edge, **multinational** architectural company.
- Display Gallery of 800+ Pictures in an elegant way with slides and collages.
- Adhere to the demands of the client resulting in finalization with **mere 2 drafts**.

POSITIONS OF RESPONSIBILITY

ANTARAGNI'18 | HEAD, WEB

Expected Apr 2018 – Oct 2018 | Cultural Fest, IIT Kanpur

- Lead the designing of **8 websites** and **2 apps** from scratch featuring Antaragni.
- Registration and Payments for **8000 participants** from **300+ colleges** opting for 10 professional events and 70 competitions.
- Angular 6** framework with material UI, supported by firebase backend.
- Facebook integration for login and post sharing, written in **typescript**.

TECHKRITI'18 & ANTARAGNI '17 | SENIOR WEB EXECUTIVE

May 2017 – Mar 2018 | IIT, Kanpur

- Full **MEAN** stack written in typescript. Frontend, Angular 2 with material.
- Dynamic** website with flexibility in design and content.
- Provided a flexible UI to update the contents of frontend in a **user-friendly** way.

FSAE | WEB DEVELOPER & CHASSIS TEAM

Jan 2017 – Jan 2018 | IITK Mototorsports

- Built a Web Application from scratch using Angular 4 as the framework.
- Implemented Firebase authentication, cloud storage and **real-time** databasing.
- Exposing the potential of team in a representative manner to **lure the sponsors** and car enthusiasts.