AMIT KUMAR

Phone – 7667489286 | Email – amitkr0921@gmail.com

SKILLS

Operating System - Windows, Linux

Programming Language–

Python, C, C++, Ruby

Tools– PyCharm, VS-code,

POSTMAN, MySQL-Workbench

Technologies and others –

Ruby on rails, DBMS, POSTGRESQL, MySQL, Heroku, Github, HTML, CSS, Bootstrap, Tailwind, JS (beginner), Data structures, Algorithm

PROFILES

LinkedIn –
https://www.linkedin.com/in/amit-kumar-96406217a/

Github –
https://github.com/amit-kr-debug

Codechef (4*(max), rating 1868)–
https://www.codechef.com/users/amitkr__943

Geeks for geeks –
https://auth.geeksforgeeks.org/user/amit__kr/practice/

EDUCATION

D.A.V. Public school, Jamtara
X | CBSE | 2015
10/10 CGPA

D.S.S.V. College, Simri (Buxar)
XII | BSEB | 2017
Marks - 69.40%,

The National Institute of engineering, Mysore
B.E. | VTU | 2022
Current CGPA –
9.05/10

EXTRA–
Qualified JEE MAINS and JEE ADVANCED

ACHIEVEMENT

Got selected for NATIONAL PROGRAMME – by AICTE (24 fullStack developers selected out of 50,452)

-National Engineering Leadership Cadre for public service – 2021

EXPERIENCE

- **Coronasafe Engineering Fellowship – Training(10 WEEKS)**
- **Intern at Coronasafe Network – March 2020 to September 2020**
  1. Arike (palliative care project)
  2. Care (Covid solution for Kerala and Maharashtra hospitals)
  3. Life (Crowd funded directory for various resources)

PROJECTS

Anvix — *Online examination portal (e-proctoring)*
https://anvix.herokuapp.com/

An online examination portal with advanced invigilation system that uses computer vision. Malpractices are detected on the students' browser itself without involvement of the server and the teacher gets notified if someone is caught and they can take action.

- ✓ Live video is not sent to the server, saves data.
- ✓ All malpractice detections are performed on candidates' system, resulting in reducing load on the server.
- ✓ Live IP detection, not more than one person can access the same account for taking examinations and submitting answers.
- ✓ Secure login and registration system.
- ✓ Candidates can't access the test before time or after 30 minutes from the start time.
- ✓ Candidates can access the test only once and can't switch out of full screen.

Smart Buy — *price drop monitoring*
https://github.com/amit-kr-debug/Smart_Buy

This app basically, sends a notification mail when the price of the product you have added to your account has dropped.
Both web and android versions make API calls to the backend which fetch data. The API is built in python and is backed up with a database.

GIC calculator — *a complex GIC bill calculator API*
https://github.com/amit-kr-debug/GIC_calculator

This is a live Application that I created for my father's official work, he needed to calculate GIC bill which is a tedious job, so I created this API for calculation which responds to Twilio messages of whatsapp.

COVID-19 case count — *a whatsapp bot*
https://github.com/amit-kr-debug/COVID-19_cases_count

This whatsapp bot gives information of current active cases as per the query given to it. I have developed this bot with the help of flask and Twilio API.

Cafeteria Management
Github-https://github.com/amit-kr-debug/cafeteria_managment/
Live – http://amit-cafeteria.herokuapp.com

Created this application for a course under National Engineering Leadership/ CoronaSAfe fellowship. It is a cafeteria management application app built using RUBY on RAILS and POSTGRESQL. With various levels of administration-Admin, billing clerk, customer