Gurv Bajaj

gurv234.github.io | bajajgurv@gmail.com | @burgurv

EDUCATION

MANIPAL UNIVERSITY JAIPUR
B.Tech in Computers and Communication Engineering
July 2021(Expected) | Jaipur, India
Cum. GPA: 9.02/10.00

BIRLA VIDYA NIKETAN
Grad. May 2017| New Delhi, India

LINKS

Portfolio Website : **gurv234.github.io**
GitHub: **gurv234**
LinkedIn: **gurv-bajaj-a9361a188** Spark
AR Effect: **Anime Villain Waifu**

SKILLS

LANGUAGES
C • C++ • Python
Java • HTML • CSS
Javascript • MySQL • Solidity

WEB DEVELOPMENT
Handlebars • Django
Bootstrap

TECHNICAL
Software:
Jupyter Notebook • Microsoft VisualStudio Code
Hyperledger Fabric Composer • MS Office (Powerpoint, Excel, Word)
• Spark AR Studio

CERTIFICATIONS

COURSERA:
Responsive Web Design by University of London *(November, 2019)*
Introduction to Web Development by UC Davis *(May, 2019)*
FORAGE:
Software Engineering Virtual Experience by JP Morgan CHASE Co. *(May, 2020)*

PROJECTS

DJANGO LOGIN AND REGISTRATION | Web Development
- A simple Django web application which allows users to sign in and login as organisation or as individual users.
- The login and registration forms were built using Django authentication and Django forms. HTML, CSS and Bootstrap were used for website designing and scripting.

MEDICAL RECORD SMART CONTRACT | Ethereum Smart Contract
- Developed a simple smart contract on Remix Ethereum IDE which allows patients to enter their medical records and doctors to read and update such records.
- Only doctors with permission to access a patient's data can read or update the medical records.

PYTHON IMPLEMENTATION OF BIPOLAR AMI AND B8ZS SCRAMBLING TECHNIQUE | Data Communication Project
- Demonstrated Bipolar 8 Zero Substitution(B8ZS) Scrambling technique using Python.
- The problem statement was to fist convert a 10 bit data stream to Bipolar Alternate Mark Inversion(AMI) and then show B8ZS Scrambling techniques.
- The data visualisation was done using Matplotlib module.

USING BLOCKCHAIN FOR MEC ENHANCEMENT | Blockchain Research Project
(Project Report)
- The objective of this project is to look for ways to improve the functionality of the Multi-Access Edge Computing, mainly the Network Function Virtualization (NFV) architecture, using Blockchain technology.
- The project proposes a blockchain-enabled reputation system to identify the best possible VNF(Virtualized Network Function) provider to be chosen by the core server in the NFV (Network Function Virtualization) network.

EXPERIENCE

FULL STACK DEVELOPER
Cokit.tech
August 2021 - Present | Full-Time
- Currently working at this startup based in Bangalore.
- My daily responsibilities include working on web development projects using HTML, CSS, JavaScript and Django framework.

SOFTWARE DEVELOPER INTERN
G2HMedtech
Feb 2021 - July 2021 | Internship
- Worked at this healthcare-tech startup based in Noida as an intern for 6 months.
- My main responsibilities were to design the partner portal website for the company using the Django web development framework.