Gurv Bajaj

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EDUCATION

MANIPAL UNIVERSITY JAIPUR
B.Tech in Computers and Communication Engineering
July 2021(Expected) | Jaipur, India
Cum. GPA: 8.88/10.00

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)*

PROJECTS

DJANGO LOGIN AND REGISTRATION | Web Development
- A simple Django web application which allows users to sign in and login as organisation or as indivual 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

SOFTWARE DEVELOPER INTERN (BLOCKCHAIN DEVELOPMENT)
G2HMedtech
August 2020 - Present | Internship
- Currently interning at this startup based in Noida.
- Working on designing the blockchain-enabled backend for the software solution that will be developed by the team.

SOFTWARE ENGINEERING VIRTUAL EXPERIENCE
JP Morgan Chase Co.
May 2020 | Virtual Internship
Completed practical task modules in:
- Establishing Financial Data Feeds
- Front-end Web Development
- Data Visualisation with Perspective