

Santanu Kumar

EDUCATION

VEERMATA JIJABAI TECHNO-LOGICAL INSTITUTE

BTECH IN ELECTRONICS AND
TELECOMMUNICATION
2019-2023(expected)

ATOMIC ENERGY CENTRAL SCHOOL-4

HSC | 92.2 PERCENT
2017-2019
Mathematics and
computer science

ATOMIC ENERGY CENTRAL SCHOOL-2

SSC | 95.8 PERCENT
2017

ORGANIZATIONS

TECHNOVANZA,VJTI

Sponsorship and Public Relations
executive

LINKS

Github:// [santanukumar](#)
LinkedIn:// [santanukumar](#)
Email:// [santanukumar](#)

SKILLS

PROGRAMMING

LANGUAGES:

C++ • Python • Solidity • Javascript
C • Matlab • HTML • CSS

FRAMEWORKS:

• Scikit-learn • Numpy • Pandas • Flask •
Django

Familiar:

• Web3 • MySQL • OpenCV

COURSEWORK

UNDERGRADUATE

Web Development
Machine Learning
Blockchain
DBMS
OOPS
IOT
Deep Learning

LANGUAGES

English
Hindi
Bengali

PROJECTS

GENUINE CHARITY APPLICATION

Mar 2021 - May 2021

Github:// [Genuine-charity-application](#)

- Prevent Malpractices like Money Laundering through Charity Organizations and make their financial transactions more secure.
- Create a Transparent Charity System using Smart Contracts on Ethereum.
- created a Solidity Smart Contract, used web3, ganache-cli, mocha, to test out our contract.

STOCK PREDICTION WEB APPLICATION

Jan 2021 - Mar 2021

Github:// [Stockrr-app](#)

- Technology Used: Python, HTML, CSS, Javascript, Flask to create interactive front-end
- used Python for implementing Linear Regression to predict the future value of the desired Stock with 98.67 percent accuracy .
- imported live stock data from Yahoo Finance API.

MEDICO BUDDY

Jun 2021 - Aug 2021

Github:// [Medico-Buddy](#)

- Flask ML web app which predicts the probability of 4 diseases and medical insurance cost required
- Made an interactive CHATBOT to engage and help the users.
- It employs different ML models to predict the diseases accurately

ETHERGRAM

Jul 2021 - Aug 2021

Github:// [Ethergram](#)

- Check out Ethergram
- A decentralized version of Instagram running on Ethereum blockchain.
- Create a smart contract with solidity, frontend with ReactJS.
- Connect, storage and get data from IPFS network.(InterPlanetary file system)

ACADEMIC ACHIEVEMENTS

- Secured 22000 rank in Joint Engineering Examination among 14 lakhs students from all over India
- secured 1400 rank in Common Entrance Test , Maharashtra among 2 lakhs students from all over Maharashtra
- Qualified for the second rounds of National Science and Mathematics Olympiads conducted by the Science Olympiad Foundation

EXTRA-CURRICULAR ACTIVITIES

- Won a university level quiz competition
- Represented my school and college in numerous Quiz Competitions conducted by various organizations
- Represented my school in district level swimming competition

INTERESTS

Astrophysics • Game theory • Artificial Intelligence • Reading •
Cryptocurrencies • International Relations