Sameer rai

Raebareli, UP | 7355442696

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR
MSc. Mathematics and Sci. Computing
Aug/2022- current | Hamirpur, HP
CGPA : 9.54 —curr

BANARAS HINDU UNIVERSITY
BSc. (Hons.) Mathematics
August/2019 - June/2022 | Varanasi, UP
CGPA : 8.5

KENDRIYA VIDYALAYA
Percentage: 90
Passed 2018| Raebareli, UP

LINKS

Github:// **Sameer rai**
LinkedIn:// **Sameerrai**
Gmail:// **sameerrai350**
Vercel:// **@sameer rai**

COURSEWORK

GRADUATE
- Python **Numpy**, Pandas,
- Object oriented Programming
- Operations Research Using **MATLAB**
- MATLAB for Numerical Analysis
- Mathematics behind Machine Learning
- Computer Networks
- DataBase Management System

UNDERGRADUATE
- Statistical Tools
- MS Excel
- Probability
- Mathematics using C

SKILLS

PROGRAMMING
Over 1000 lines:
Python • Javascript •
Over 5000 lines:
C • C++ • CSS •
Familiar:
SASS • React JS • NODE JS •
Mongo DB• MySQL• SQL•
GitHub• Git•

PROJECTS

BREAST CANCER
Breast Cancer Detection program using Machine Learning Tools.
- Utilizing advanced Machine Learning techniques, achieving a 97% success rate in identifying potential cases.
Libraries : •numpy , pandas, matplotlib , seaborn , sklearn.model selection , sklearn preprocessing , sklearn linear model , sklearn metrics , sklearn model selection
GitHub: LINK

CADEMY
A Subscription based video streaming platform using MERN stack
Features :- User Authentication and Registration, Subscription Management, Video Library, Video Playback, Admin Panel, Responsive Design, Payment Gateway Integration, Data Management, Real-time Updates.
Learning: •Expertise in implementing user authentication and data security using JWT.
Tech Used :- **MongoDB**, Express, **React Js**, Node, **RazorPay**, ChakraUI, **JWT Authentication**, Nodemailer, **Cookie Authentication**, Cors, Cloudinary, Multer, Datauri
Demo: LINK
GitHub: LINK

PORTFOLIO
Personal PortFolio
Features :- Portfolio Showcase, Responsive Design, Interactive UI, Contact Form, Skills and Expertise, Firebase Integration
Learning: •Experience in integrating Firebase services, particularly Firestore, for efficient data handling and secure form submissions.
Tech Used :- HTML, CSS, SASS, JAVAScript, **Firebase**, **React JS**
React Libraries :- react-toaster, react-hot-icons, react-router-dom, framer-motion.
Demo : LINK
GitHub: LINK

XCRYPTO
Real Time Exchanges and Crypto Currency App
Features :- Cryptocurrency Price Tracking, Exchange Rate Display, Interactive Charts, Responsive Design, Currency Conversion, User-Friendly Interface.
Learning : •Expertise in integrating external APIs to fetch real-time data, ensuring users receive accurate cryptocurrency and exchange rate information.
Tech Used :- HTML, CSS, SASS, JAVAScript, Chakra UI, **React JS**
React Libraries :- react-toaster, react-hot-icons, react-router-dom, framer-motion.
Demo: LINK
GitHub: LINK

CERTIFICATIONS
- DSA certification by CODEHELP. • Machine Learning 10 Hands on projects.

ACHIEVEMENTS
- Solved more than 400 DSA problems • Currently Highest CGPA in class. • GFG global contest ranking 608 from 3500+ people.