KARTIK KUMAR SINGH

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EDUCATION

Sep 2023 — Jun 2027	**BACHELOR OF TECHNOLOGY IN COMPUTER SCINECES (CORE), VELLORE INSTITUTE OF TECHNOLOGY**	BHOPAL
Apr 2019 — Jun 2020	**X, NAVY CHILDREN SCHOOL**	VISAKHAPATNAM
Apr 2021 — Jun 2022	**XII, NAVY CHILDREN SCHOOL**	VISAKHAPATNAM

CERTIFICATION

HACKERRANK ADVANCE PYTHON COURSE | (Gold badge)

VITYARTHI AIML ADVANCE COURSE | (VITYARTHI)

TECHNICAL SKILLS

Languages: Python , C++ , HTML , CSS , JavaScript , SQL

Frameworks: REACT (DOM) , Pandas , Numpy , Tailwind CSS

Developer tools: Github

Databases: MySQL , MongoDB

PROJECTS

THE SPARKS FOUNDATION BANKING SYSTEM

| (HTML , CSS , JAVASCRIPT , MYSQL , PHP)

- Engineered an user responsive banking system which contains features having User Accounts , User Id , Transactional history , Transactions to other accounts , Feedback system for the users if any problem in account handling or other issues.
- The applications contains a Database of all the users updated through PHP My Admin server and the issues related to the bank is received in the same server with exact date and time figures upto 6 decimal places (seconds)
- Further updations are ongoing for KYC (know your customer) feature with faster UPI transactions being updated since it requires a large database .

PRISM - PREPAREDNESS AND RESPONSE INFORMATION SYSTEM MANAGEMENT

- PRISM provides real-time communication, ensures verified alerts reach affected citizens, and helps authorities coordinate response efforts effectively. By leveraging advanced technology, PRISM bridges the gap between disaster response and modern communication needs.
- The purpose of **PRISM (Preparedness and Response Information System Management)** is to provide real time disaster alerts and improve the emergency response efforts. It uses AI, big data, and cloud computing to guarantee the availability of timely, accurate, and applicable disaster management.
- Offers alerts and response mechanisms for cyclones, floods, earthquakes, landslides, droughts, and temperature variations Sends customized disaster warnings based on the user's location , cloud based infrastructure , offline notifications etc..

WORK HISTORY

FREELANCER IN STARTUP FIRM | (Web development and app building)

I have gained extensive experience in designing and building web applications and mobile apps, with a strong focus on sectors such as education, healthcare, and various other industries. I have successfully collaborated with clients to deliver custom solutions, from initial concept and design to development, testing, and deployment, while ensuring seamless user experiences and functionality.