Kaveri.Koti

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Objective: An inventive, clear individual with a master's in Computer Science looking to earn a Masters in computer science . Currently seeking a summer internship in the Computer science field.

Technical Skills

• C	• Windows /Linux	• Image Processing
• C++	• Software Engineering	• Computer Vision
• Data structures	• Algorithms	• Assembly level language
• SQL	• Open CV	• Internet Security
• PYTHON	• Pattern Recognition	
• JAVA	• Cyber Security	
• HTML	• Advance Mathematics	

Education:

M.S., Computer science , California state university, Fresno (Fresno State) | GPA: 3.3 	05/2024

Coursework: Reinforcement Learning, Haskell , Prolog , Advanced Software Engineering, TCP/IP protocols, Advanced computer security , wireless mobile, Combinatorial Algorithms, Principles of programming languages, computer Architecture, Artificial Intelligence

B.S., Computer Science, SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY , India | 3.75/4 	05/2022

Coursework: Probability and Statistics , Data Structures, Discrete mathematics, Computer Organization , Database management systems, Digital Electronics , Software engineering and OOAD, Computer networking , Data warehousing and data mining, Design and Analysis of algorithms , Introduction to data science , Automata Theory and Compiler design ,Cloud Computing, Machine Learning, operating systems , Artificial intelligence , Big data analytics , Cyber security , Information Security.

Internship :

Summer Internship At Meta Trace (December 2021-May 2022):
- Worked on "Crypto Exchanges and it's attacks"
- Project on Web3 Phishing attacks

Summer Internship Training at GoalStreet (May 2020-July 2020):
- Worked as an intern and worked on a Time series Analysis project and gained hands-on experience with python

Projects:

Web3 phishing attacks, MetaTrace, India
- It is a security project aimed at detecting phishing attacks on cryptocurrency exchanges using the forta-agent platform. This project focuses on enhancing the security infrastructure of Web3 applications, particularly those in the cryptocurrency domain, by identifying and mitigating potential phishing threats in real-time using Forta-Agent, JavaScript, Node.js, Ethereum, Web3.js, Solidity, RESTful APIs, Docker.

College Information System
- Engineered as a web application, the College Information System integrates the Laravel framework and utilizes APIs such as Google Maps for location-based services, Twilio for SMS notifications, and SendGrid for email communication. The system is built with SQL for database management, PHP for server-side scripting, and HTML/CSS for front-end design. The primary objective of this project is to facilitate seamless information dissemination in a digital-centric environment, enhancing global interactions through digital devices.

Integration Of Design Patterns in KWIC
- In the KWIC project, we integrated several design patterns to enhance functionality and maintainability. Part 1 involved using the Abstract Factory for object creation, the Builder pattern for constructing complex objects, and the Singleton pattern to ensure a single instance of key components. Part 2 incorporated the Decorator pattern to dynamically add responsibilities to objects and the Composite pattern to treat individual objects and compositions uniformly.

Employee Attrition Prediction , SNIST, India
- The Employee Attrition Prediction project is designed to forecast the likelihood of employees leaving an organization using machine learning algorithms. By analyzing various factors that influence employee retention, this project aims to help HR departments proactively address attrition risks, enhance employee satisfaction, and reduce turnover rates using Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebook.

Food Delivery Android Application, SNIST, India
- Designed and developed a comprehensive food delivery Android application using Android Studio and Java. Integrated RESTful APIs for real-time order tracking, utilized Firebase for authentication and data storage, and implemented MVVM architecture to ensure maintainability and scalability.
- Published a paper with this project and the future enhancements.