JANAKIRAMAN.K

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EDUCATION

JAYA ENGINEERING COLLEGE
BACHELOR OF Technology IN Information Technology
2022 - 2026
Current CGPA: 8.89

BHARATHIDASAN MATRICULATION HIGHER SECONDARY SCHOOL
HSC
2020-2022
Aggregated Percentage: 75.62

JAI MARUTHI VIDHAYALA MATRICULATION SCHOOL
SSLC
2006-2022
Aggregated Percentage: 63.50

LINKS

Github Linkedin

CERTIFICATIONS

- Fullstack web development in NIIT Sudharsanam IT Academy
- Programming in C,C++ and Advanced diploma in python programming (ADAP) in CSC
- Full stack Web development in SOLOLEARN

INTERNSHIP COMPLETIONS

- **ML Developer**, McZeal: Designed and deployed machine learning models for predictive analytics and automation.
- **Web Development Intern**, Techoctanet: Developed and optimized web applications using modern frameworks and tools.
- **Software Developer Intern**, SecureDApp Developing secure decentralized applications (DApps) and smart contracts using blockchain technologies.Enhancing Web3 integrations and backend systems for optimal functionality and user experience.

ABOUT ME

A Full Stack Blockchain Developer with a strong foundation in software development, algorithms, and data structures. Proficient in building decentralized applications (DApps) using Ethereum, Polygon, and Aptos blockchains. Skilled in React, Node.js, Python, and smart contract development, with expertise in integrating secure, scalable blockchain solutions. Adept at collaboration, innovation, and delivering user-centric applications.

SKILLS

- **Programming Languages:** C, C++, Java, Python, Solidity, JavaScript, Move
- **Blockchain Development:** Eth,Polygon,XDC,Aptos
- **Frameworks & Tools:** React, Node.js, Pytorch, TensorFlow, Flask, MediaPipe, OpenCV
- **Databases:** SQL, MySQL, Remix
- **Version Control:** Git, GitHub
- **Operating Systems:** Windows, Linux, Kali Linux, Nethunter

PROJECTS

- **VIRTUAL CONTROLLERS:**Engineered an innovative blockchain-integrated interactive system combining a virtual mouse, keyboard, and painter. Leveraged OpenCV and MediaPipe for gesture recognition, enabling seamless digital interactions, including precision-driven virtual drawing and intuitive computer control.
- **KYC3.0:**Architected an advanced Know Your Customer (KYC) protocol underpinned by Ethereum blockchain, prioritizing decentralized identity verification.Enhanced data privacy and security through the deployment of Web3 technologies, immutable smart contracts, and tamper-proof architecture.
- **ETERNAL VAULT :**Conceptualized and deployed a cutting-edge blockchain-powered time-locked capsule system, integrating Ethereum for decentralized storage and transaction immutability.Combined React, Flask, and Web3 wallet functionality to deliver a secure, user-friendly experience for managing multimedia content
- **BLOOD BRIDGE :**Developed an avant-garde blood donation management platform leveraging Ethereum and Polygon blockchain networks to ensure resource security and efficiency.Incorporated real-time updates, Web3 wallet authentication, and inventory monitoring to streamline emergency response and donor management, fostering transparency and reliability.

ACHIEVEMENT

- Global Visionary Award by SSE
- Best Paper Award in International and National Conferences
- Winner at Byteverse Hackathon and Runner-up at Duhacks 3.0
- Participant at Unfold Hackathon 2024
- Winner of various intercollegiate competitions

Hobbies & Interests

- Photography
- Poem Writing
- Authoring