P S BHARATH KUMAR ACHARI

Block-Chain Developer | Ethical Hacker

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Bengaluru

SUMMARY

Blockchain and cybersecurity developer with practical experience in distributed ledger security and smart contract development. Finished an internship at Shamgar Software Solutions, where I contributed to a blockchain project.

EXPERIENCE

Blockchain Development Intern

Shamgar Software Solutions

07/2024 Vishākhapatnam, India

- Created a blockchain-based healthcare application using federated learning, allowing secure data exchange between devices and a central server. Optimized data flow, improving model training efficiency by 90% and ensuring privacy-preserving AI deployment across 10 test nodes. Contributed to enhancing security and scalability in decentralized healthcare systems.
- Created a custom private blockchain on Polkadot for secure storage of swarm drone data, utilizing the Proof of Stake (PoS) consensus mechanism to enhance data integrity and scalability, ensuring safe and decentralized logging of drone activities.

EDUCATION

Secondary School

Ravindra Bharathi School,Andhra Pradesh

03/2018

GPA **9.0** / 10

Intermediate

Sri Chaitanya Junior College

2020

GPA **7.96** / 10

Bachelor of Technology in Computer Science

Centurion University of Technology and Management, Andhra Pradesh

2021 - 2025

GPA **8.97** / 10

SKILLS

C C++ Solidity Rust Data Structures and Algorithms Web Development DBMS Git/Github Block-Chain Technology Hard Hat Ganache Polkadot Networking Operating System Kali Linux Theory Of Computation Compiler Design

CERTIFICATION

Ethical Hacking
Indian Institute of Technology Kharagpur

EVM Chain
alchemy certificate

PROJECTS

Block-Stamp

I developed BlockStamp, a faculty ERP portal that utilizes blockchain technology for secure tracking of student attendance and faculty member registration. The system features a blockchain-based login system, ensuring tamper-proof and transparent management of faculty and student data. I tested the system on 10 nodes in the Ganache test network to verify its scalability and security.

Block-Meet

Worked on the BlockMeet project, an online video conferencing app that stores video recordings on the blockchain using IPFS. Integrated blockchain for secure, tamper-proof storage of recordings, ensuring data integrity and transparency while leveraging IPFS for decentralized file storage.