Satheesh Periyasamy

Curriculum Vitae

Theni, Tamil Nadu
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Education

2021–2025	**Bachelor of Technology in Information Technology**, *Thiagarajar College of Engineering*, Madurai, Tamil Nadu, *CGPA: 7.52/10*

Experience

May 2024 - Present	**Blockchain Developer**, *Pi42*, Remote (Bengaluru) Designed and implemented backend solutions for blockchain applications using Node.js and Express.js. Worked on Decentralised Exchange Development and Automated Crypto Trading bot development.
March 2024–May 2024	**Blockchain Lead**, *3ns.ai*, Remote (UK based) Integrated Hyperledger Fabric into the backend architecture. Worked on Blockchain Development and cross-chain protocols.
January 2023	**InLab Intern**, *Thiagarajar College of Engineering*, Madurai, Tamil Nadu Gained exposure to Deep Learning and Web Development.

Skills

Programming Languages	Solidity, Java, Python, Kotlin, Flutter, Golang
Web Technologies	HTML, CSS, JavaScript, Node.js, Express.js, Angular, ReactJS
Machine Learning Frameworks	TensorFlow, PyTorch
Blockchain Stack	Hyperledger Fabric, Stacks, Corda, Ethereum, Solana, Polygon
Monitoring Tools	Prometheus, Grafana
Cybersecurity Tools	Wireshark, Metasploit, Nmap, Burp Suite, Snort, Kali Linux
Ethical Hacking	Penetration Testing, Vulnerability Assessment

Projects

Blockchain Certificate Management	Developed a system for managing certificates using blockchain technology.
Decentralised Exchange	Developed a decentralised exchange over the polygon network.
Crypto Domain Registration	Worked on cross-chain protocols with tools like Lens, Forcaster, BNS, Wormhole, and asset maintenance at 3ns.ai.

Quantum Computing Research	Researched the impact of Quantum Computing on Cryptography.
Blockchain Food Supply Chain	Implemented a hybrid blockchain system for food supply chain management.
Hyperledger Fabric Based Supply Chain Management	Developed a supply chain management system using Hyperledger Fabric to track the provenance and ensure the authenticity of products from manufacturer to consumer.
CNN Architectures Evaluation	Evaluated various Convolutional Neural Network architectures for plant disease classification.
CryptoLabs Platform	Created a platform to practice and understand various cryptographic algorithms.
Space Debris Reduction Satellite (SpaceDogg)	Designed a satellite to trap and reduce space debris, recognized by ISRO.

Certifications

Google Cybersecurity Professional Certificate	Issued by Google
Blockchain Basics	Issued by University at Buffalo
Linux Unhatched	Issued by Cisco Networking Academy

Extracurricular Activities

- Part of the IoT Club
- Involved in Peer coaching
- Coordinated in the TechUtsav
- Project manager for all the projects from 1st year
- Event Organizer for CaseLabs'23 – A Case Study event conducted by E-Cell, TCE

Achievements

Design Impact Movement	Won 3rd place in the regional level conducted by Titan India, awaiting national level results.
Kriya	Won 3rd place in the Kriya event conducted by PSG Tech,Coimbatore for developing a Resume Builder Application.
	Participated in STAKE'23 by the Entrepreneurship Development Cell of TCE.
	Selected in Top-15 teams at Intra College Scrutiny for SIH-2022.
	Participated in CODE-A-THON 2023 conducted by Caterpillar.
	Attended Cryptography and Cybersecurity workshop by ACM India at VIT, Vellore.