

Dharaneesh Panneer Selvam

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 Portfolio |  LinkedIn |  Github

EDUCATION

B. Tech Computer Science and Engineering - (Cybersecurity)	08/2023-present
 Shiv Nadar University, Chennai	Chennai, India
CGPA: 8.79 (till Semester 3)	
Delhi Public School, Electronic City	06/2021-04/2023
Stream: PCMB	Bengaluru, India
CBSE 12th Board Exams: 94%	

SKILLS

Cybersecurity: MetaSploit Framework, Bash Scripting, Penetration Testing, Networking

Extracurricular Skills: Good Speaker, Communication, Teamwork

DevOps: Docker, Kubernetes

Programming Languages: C/C++, Python, Java, Flutter (Mobile App Development)

Web Development: HTML/CSS, Javascript, NextJS, React + Vite, MongoDB

PROJECTS

ShopGuide AR Shopping App (ViroReact, React-Native)	05/2025-Present
An AR-enabled shopping app for better accessibility.	
<ul style="list-style-type: none">Uses ViroReact for indoor step-by-step navigation, improving accessibility through voiced directions.Developed a smart algorithm to generate personalized shopping lists based on dietary preferences and inventory.Improved accessibility while reducing dependence on store employees by an estimated 40%.	
SecureWatch File Integrity Monitoring App (React+Vite, Flask)	03/2025-03/2025 
File Integrity Monitoring App using Python	
<ul style="list-style-type: none">Designed and developed as a mini project for detecting unauthorized system file changes.Implemented a Flask backend to track file changes with SHA256 hashing, ensuring tamper-proof logs.Built an interactive UI using React + Vite to visualize live monitoring data and alerts, for gaining insights.Enabled secure auditing through real-time log generation and hashing, reducing detection time by around 80% compared to traditional solutions.	
IoT-based Smart Crop-Monitoring System (Flutter, ThingSpeak, Python)	12/2024-01/2025 
Prediction of pest likelihood using sensor data with Flutter	
<ul style="list-style-type: none">Built a Flutter-based mobile app to deliver pest risk predictions using models trained on sensor and visual data, reducing false positives by 50%.Integrated multiple sensors with ESP8266 + Raspberry Pi for real-time environmental tracking and edge processing, enhancing offline reliability.Deployed LoRaWAN for long-range communication, improving analytics even in low-connectivity zones by 60%.	

PROFESSIONAL EXPERIENCE

Cloud Security Intern	05/2025-present
Dilligen Technologies Pvt. Ltd.	Bengaluru, India
<ul style="list-style-type: none">Worked on deploying Kubernetes clusters via RancherEnsured minimal downtime with automated monitoring and alerting with Grafana and Prometheus.Developed and maintained Docker Compose YAML files for containerized environments.	

ACHIEVEMENTS

Innovate-X Hackathon, 2025	02/2025-03/2025
SSN College of Engineering, Chennai	
<ul style="list-style-type: none">Won 2nd Place at the Hackathon for developing an IoT-based soil monitoring system.	
Uzhavu Hackathon, 2025	
Shaastra Tech Fest 2025, IIT-Madras	
<ul style="list-style-type: none">One of the top 10 teams out of 30 total teams in the final round.	
Cybersecurity	
<ul style="list-style-type: none">Ranked in the top 4% on TryHackMe, a leading cybersecurity education platform.	
Other Hackathons	
<ul style="list-style-type: none">Participated in SNU Hacks and Envithon Hackathon.	