

Dharaneesh Panneer Selvam

dharaneesh.panneerselvam7@gmail.com | 9980696238 | Bengaluru, India

🔗 Portfolio | 🔗 LinkedIn | 🐙 Github

EDUCATION

B. Tech Computer Science and Engineering - (Cybersecurity) 🔗 Shiv Nadar University, Chennai CGPA: 8.79 (till Semester 3) Delhi Public School, Electronic City Stream: PCMB CBSE 12th Board Exams: 94%	08/2023-present Chennai, India 06/2021-04/2023 Bengaluru, India
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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) 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%.	05/2025-Present
SecureWatch File Integrity Monitoring App (React+Vite, Flask) 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.	03/2025-03/2025 🔗
IoT-based Smart Crop-Monitoring System (Flutter, ThingSpeak, Python) 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%.	12/2024-01/2025 🔗

PROFESSIONAL EXPERIENCE

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

Innovate-X Hackathon, 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.	02/2025-03/2025
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.	