

Divyansh Krishna

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Education

Vellore Institute of Technology

B.Tech in Computer Science specializing in Blockchain Technology

Vellore, Tamil Nadu

2023 – 2027 | CGPA: 8.5

Delhi Public School, Varanasi

Class XII (CBSE) 84.4% (2022) | Class X (CBSE) 93.2% (2020)

Varanasi, India

Experience

NowFloats (Reliance Industries)

May 2026 – August 2026 | Hyderabad, India

Backend & Information Security Intern

- Designed and built production REST APIs (.NET, Django) implementing core business logic, input validation, and secure data-layer integration for internal services.
- Applied SAST tooling and threat modeling to identify and fix code-level vulnerabilities across services, improving overall code quality and reducing OWASP Top 10 risk.

Gurugram Police Cyber Security Summer Internship (GPCSSI 2026)

June 2026 | Gurugram, India

Cyber Security Intern

- Designed and implemented an automated Bulk IP Translator tool using efficient batch-processing logic, cutting processing time by 99% and saving 10+ engineer-hours weekly.

K12 Techno Services

May 2024 – July 2024 | Bengaluru, India

App Developer Intern

- Built and shipped production Flutter apps with Django REST API backends and PostgreSQL serving 1,000+ users; optimized queries, indexing, and caching, reducing API latency by 30%.
- Designed and implemented JWT authentication, RBAC authorization, and WebSocket-based real-time sync, cutting refresh latency by 40%.

The WhiteHats Club

VIT Vellore

Founding Board & Vice Chairperson

Jan 2025 – Dec 2025

- Led a 100+ member technical community; organized CTFs, hackathons, and coding sessions on software engineering practices.

Secretary

Jan 2026 – Present

- Owned operations, budgeting, and documentation for 10+ technical events, coordinating logistics across distributed teams.

Projects

CITADEL Secure Military Communication System (Hackathon Winner)

2026

Designed and implemented a secure communication protocol combining AES-256 + ECC encryption with custom message-validation logic across a distributed network of ESP32 mesh nodes; built the protocol's state machine and retry/validation logic from scratch to prevent replay and tampering attacks under unreliable network conditions.

RePlate FMCG Supply Chain Optimization

2026

Designed and built an ML-based demand-forecasting service with a Django + PostgreSQL backend, exposing REST APIs consumed by downstream inventory systems; implemented automated data pipelines and forecasting logic that reduced inventory mismatch by 22%.

Nimbus Sportsperson Profile & Social Application

2026

Designed and built a full-stack social networking app (Flutter + Firebase) from the ground up, including the data model, REST/real-time API layer, and feed logic; engineered concurrent-user handling and real-time sync to support scalable, low-latency interactions.

Fruit Ripeness Detection System (Hackathon Winner)

2025

Designed and implemented an edge-AI inference pipeline (YOLOv8, 92% mAP), including data preprocessing, model optimization, and deployment logic; ported and optimized the pipeline for on-device inference on Raspberry Pi using TensorFlow Lite.

CI/CD Pipeline & Infrastructure Monitoring Stack

2026

Built an automated build-test-deploy pipeline (GitHub Actions/Jenkins) with containerized services (Docker), paired with a custom Prometheus + Grafana monitoring dashboard exposing latency, error-rate, and saturation metrics; engineered alerting logic to catch regressions before they reach production.

Achievements & Certifications

Yantra Central Hack Winner 2025