

Pranav K Dileep

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github.com/pranavkdileep

Summary

Computer Science and Cyber Security student passionate about building websites and Android applications. Cloud expert with a strong ability to learn new technologies quickly.

Education

University College of Engineering, Thodupuzha, B.Tech in Cyber Security Jan 2022 – Jan 2026

- CGPA: 7.78/10

Higher Secondary School, 12th Grade in Computer Science Jan 2020 – Jan 2022

- Percentage: 82%

Projects

Deployer Jan 2025

- Developed a self-hosted Docker-based hosting control panel to manage web apps, services, databases, SSL, and logs via a clean web UI.
- Achieved 30+ stars on GitHub.

DDoS Attack Detection using Hybrid Deep Learning Jan 2025

- Implemented a hybrid deep learning model using TensorFlow and Python for network security.
- Developed CICFlowMeter-Go in Go language for high-performance network monitoring.

Ktucyber.com Jan 2024

- Built a study material sharing platform featuring authentication, email verification, and full CRUD operations.
- Implemented social features including bookmarking and user-following systems.

RealTime Bus Tracker with GPS Jan 2025

- Developed conductor and user Android applications using Kotlin and Jetpack Compose.
- Engineered a tracking IoT device using ESP8266 and GPS modules integrated with a custom backend.

TeachersDiary Jan 2025

- Created a PHP-based management system for tracking daily academic activities and attendance.
- Designed and implemented dedicated dashboards for Teachers, HODs, and Principals.

TK-VPN Jan 2023

- Developed an Android VPN application in Java based on the OpenVPN protocol.

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Skills

Programming: Python, C + +, Go, Java, JavaScript, TypeScript, Git

Development: Web Development, Android App Development, Docker, Cloud Computing

Mathematics: Differential Equations, Calculus, Linear Algebra

Languages: English (Fluent), Malayalam (Native)