

Aadidev Chittiath Binil

Amrita,Amritapuri | aadidev1006@gmail.com | +91 90372 98601 | <https://github.com/Aadi1006>

Education

AMRITA VISHWA VIDYAPEETHAM

BTech in Computer Science & Engineering (Expected 2028)

Relevant Coursework: Data Structures, Algorithms, IoT Systems, Database Management, Web Technologies.

Commit 42 hours weekly to college tech club

BENCHMARK INTERNATIONAL SCHOOL

Higher Secondary Diploma (Computer Science), GPA: 85%

District Science Fest Winner (2022, 2023) • State Science Fest Qualifier

Technical Skills & Projects

Programming: Python, JavaScript, TypeScript, C++, Java, Dart, SQL, MATLAB,PostgreSQL

Frameworks: Django, React Native, GraphQL, Cypress, Vitest

Tools: Git, Arduino, NodeMCU

Wildlife Protection System

- Developed IoT sensor network with ML (Python/TensorFlow) to detect deforestation/poaching activities
- Achieved 92% accuracy in identifying unauthorized movements through sound/thermal sensors

Smart Wireless Charging Vehicle *(Science Fest Winner)*

- Bluetooth-controlled car with real-time charge monitoring via Android app
- Reduced power loss by 35% through optimized coil alignment algorithm

Cartify E-Commerce Platform

- Full-stack development (Django/React Native) with JWT authentication
- Integrated real-time analytics dashboard for sales tracking

Professional Experience

TRABODA

Software Testing Intern | Aug 2024 - Present

- Automated 85% of test cases using Cypress/Vitest, reducing QA cycle time by 30%

Achievements & Leadership

- **1st Prize**, National IoT Challenge 2023 (Wildlife Protection Project)
- **Lead Organizer**, Amrita Hackathon 2024 (120+ participants)
- **Speaker**, Kerala Tech Summit: "IoT for Conservation"