

Adhithyan K S

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Summary

Computer Science and Engineering student with hands-on experience in Android development, REST API integration, and full-stack web applications. Strong foundation in databases, networking, and client-server architecture with interest in backend and system development.

Education

Government Polytechnic College, Kunnankulam Kunnankulam, Kerala
Diploma in Computer Engineering 2023 – 2026
CGPA: **8.82 (First Class with Distinction)**

- Relevant Coursework: Programming in C, Object-Oriented Programming, Data Structures and Algorithms, DBMS, Web Technologies, Computer Networks, Artificial Intelligence and Machine Learning, Embedded Systems, System Administration, Android App Development

Internship

Junior Android App Developer Dec 2025 – Mar 2026
GrapesGenix Pvt Ltd, Thrissur, Kerala
Technologies: Java, PHP, MySQL, REST API, Android SDK

- Developed Android applications using Java with PHP and MySQL backend services
- Integrated REST APIs with authentication and database connectivity
- Worked with client-server architecture and production-style application workflows

Projects

Robotic Arm Payment and Control System SvelteKit, Supabase, MQTT
Technologies: SvelteKit, Razorpay API, Supabase, HiveMQ, MQTT, JavaScript

- Built a full-stack payment system integrating Razorpay with cloud database storage
- Implemented MQTT-based messaging to trigger IoT device actions after successful payment
- Designed real-time workflow connecting web application, database, and robotic hardware
- **GitHub:** github.com/adhithyan-ks/upi-book-vending

E-Commerce Web Application MERN Stack
Technologies: React, Node.js, Express.js, MongoDB

- Developed product listing and authentication system using RESTful APIs
- Implemented backend integration and database operations
- **GitHub:** github.com/adhithyan-ks/ecom-website

Hotel Room Booking Website PHP, MySQL
Technologies: PHP, MySQL, HTML, CSS

- Built dynamic booking system with database-driven reservation management
- **GitHub:** github.com/adhithyan-ks/hotel-booking

Seminar

Model Context Protocol (MCP)

- Presented seminar on Model Context Protocol, explaining secure integration between AI systems and external tools through standardized interfaces

Achievements

- Secured highest SGPA in Computer Engineering department for 2nd, 3rd, and 4th at GPTC Kunnankulam

Technical Skills

Languages: Java, Python, JavaScript, C, SQL, PHP

Frameworks: Android SDK, Express.js, React, SvelteKit

Databases: MySQL, MongoDB, Supabase

Tools: Git, GitHub, Postman, VS Code

Concepts: REST APIs, Client-Server Architecture, Authentication, Object-Oriented Programming, Data Structures

Platforms: Linux (Ubuntu), Windows