

HARISH ADITHYAN

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About Me

Focused and motivated ECE student with strong skills in full-stack, mobile, and backend development. Passionate about building scalable systems using Python, Django, React, and IoT integrations.

Education

PSNA College of Engineering and Technology

B.E. in Electronics and Communication Engineering

Oct. 2023 – Present

Dindigul, Tamil Nadu

Technical Skills

Languages: Python, C, JavaScript, HTML, CSS, SQL, Docker

Frameworks: Django, React, React Native, Bootstrap

Tools: GitHub, Docker, Firebase, Android Studio, GCP

Tech: REST APIs, WebSockets, MQTT, Cloudinary, EAS CLI

Core CS: Data Structures and Algorithms, System Design

Projects

Instagram Clone Platform | *React.js, Django, Channels, WebSockets, JWT*

May 2025

- Full-featured social media app with authentication, real-time chat, posts/stories, and profile systems.
- JWT-based login, Cloudinary for media storage, and live messaging using Django Channels + Redis.
- Frontend Code — Backend Code

IoT Dashboard App | *React Native, Expo, NodeMCU*

June 2025

- Mobile dashboard app to visualize real-time sensor data from IoT devices using charts (Recharts, Victory Native).
- Built APK with EAS CLI. Plans to integrate WebSocket-based real-time updates.
- GitHub Repo — Install APK

Multi-User Blog Platform | *Django, PostgreSQL, HTML, JS*

Feb 2025

- CMS-style blog app with user authentication, comment system, mobile-responsive layout, and rich text editor.
- View on GitHub

Certifications

React.js Development

Dec 2024

HCL GUVI — Credential ID: 03059x745reUQ16ln9

Build Your Own Ticketing App (GUVI Season 2)

Oct 2024

HCL GUVI — Credential ID: n2c8372Qzq912y6367

C Programming

Oct 2024

HCL GUVI — Credential ID: UFC734z139586daWm2

SQL for Beginners with MySQL & DB Design

Oct 2024

Scaler

Python & Django Full Stack Web Dev Bootcamp

Jul 2024

Udemy — Credential ID: UC-5ea05b7c-8ff0-43cd-a23b-Od9ce8f0de62

Python Programming

Nov 2023

HCL GUVI — Credential ID: 706M3H97691eEc8l56

Additional Highlights

- **Activity:** Collaborated with teams to ensure reliability across development, emphasizing security practices and efficient infrastructure. Managed multiple projects effectively, demonstrating responsibility and commitment.
- **Data Compression:** Applied compression techniques to boost system performance and reduce bandwidth, meeting industry standards for efficient applications.
- **Backend Expertise:** Explored a wide range of technologies to strengthen backend understanding and deliver scalable, maintainable systems using industry best practices.
- **Impact:** Consistently contributed to team success through structured problem-solving and engineering discipline. Developed robust components, helping build standout projects tailored for SWE roles.