Harish Adithyan

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https://github.com/harishadithyan1/github1.git

Objective

Focused and highly motivated ECE enthusiast with solid grounding in software engineering, machine learning, and backend software system development. Skilled in designing full-stack solutions using modern frameworks and cloud services. Passionate about building innovative products and solving complex challenges in distributed systems and intelligent systems .Thrives in a dynamic environment that challenges creativity and technical prowess.

Education

PSNA College of Engineering and Technology   **Oct. 2023 – Present**
Bachelor of Engineering in Electronics and Communication Engineering   *Dindigul, Tamil Nadu*

Technical Skills

Languages: Python, C, Java, JavaScript, HTML, CSS, SQL
Frameworks & Libraries: Django, React, React Native, Bootstrap
Technologies: REST API, WebSockets, MQTT
Systems & Tools: GitHub, VS Code, Android Studio, Docker, Firebase, Google Cloud Platform
Systems Tools: Mobile Development, Web Development, Technical Learning, Community Building, Software Design
Core CS Skills: Data Structures and Algorithms (DSA) in Python, Algorithms

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

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.

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