

HARISH ADITHYAN M

Student

Enthusiastic Software Developer with strong proficiency in Python, Java, Django, React, SQL/NoSQL databases, and version control. Experienced in developing scalable web applications, integrating APIs, designing backend systems, and working in Agile/Scrum environments. Skilled in debugging, clean code practices, and technical documentation. Passionate about building reliable, high-performing software solutions and continuously learning new technologies.

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github.com/Harishadithyan

harishadithyan.github.io/Portfolio/

EDUCATION

B.E ECE

PSNA College of Engineering and Technology

October 2023 – Present, CGPA-8.61

HSC

SSM Academy

2022 - 2023, 71.8 %

SSLC

SSM Academy

2020 - 2021, 87.8%

PERSONAL PROJECTS

AI-BASED ENERGY FORECASTING SYSTEM

LSTM-based model to predict short-term solar energy output.

- Developed an LSTM-based forecasting model trained on one year of solar data. Implemented preprocessing, sliding-window dataset creation, model evaluation, and plotting of predictions.

IoT MOBILE DASHBOARD

Mobile dashboard to display real-time sensor data.

- Built using React Native and Expo to display live sensor readings with charts. Integrated data from NodeMCU sound sensor and generated APK using EAS build.

SOCIAL MEDIA APPLICATION

Social media platform with real-time chat and media sharing.

- Implemented authentication, posts, stories, and real-time chat using Django REST, WebSockets (Channels), React UI, and PostgreSQL. Integrated Cloudinary for

MULTI-USER BLOG PLATFORM

Scalable blogging platform with authentication and user interaction.

- Created secure authentication, post creation/editing, commenting, and profile features. Used Django, PostgreSQL, and Bootstrap to build a responsive and

SKILLS

Languages: Python | C | Java | JavaScript | HTML | CSS | SQL

Frameworks: Django | React | React Native

UI/Styling: Bootstrap | Tailwind CSS

Tools & Platforms: Docker | Firebase | Git | GitHub

CERTIFICATES

- Developer & Technology Job Simulation – Accenture (Oct 2025)
- Python & Django Full Stack Bootcamp – Udemy (Jul 2024)
- Java Programming Mastery – Udemy (Aug 2025)
- React.js – GUVI (Dec 2024)
- C Programming – GUVI (Oct 2024)
- SQL for Beginners (MySQL) – Scaler (Oct 2024)

PROFESSIONAL STRENGTHS

- Strong problem-solving and debugging skills
- Fast learner with adaptability to new tech
- Team collaboration & project execution
- Clean code practices & documentation