

IHLAS A

Software Engineer

✉ 7736261615 ✉ ihilas2002@gmail.com ✉ <https://www.linkedin.com/in/ihilas-a-31982b1bb/>
📍 9/20 Gandhi Nagar, Kozhinjampara 📽 <https://moonlit-gingersnap-313f61.netlify.app/>
🔗 <https://github.com/IHLAS>

SUMMARY

Highly motivated Computer Science graduate with a Bachelor of Engineering, passionate about full stack development. Skilled in MySQL, Java, and UI/UX design using Figma. Acquired practical experience through internships, improving front-end and back-end development skills. Adept at creating responsive interfaces and writing clean, efficient code. Eager to join a dynamic team, committed to continuous learning, and driven by solving complex technical challenges.

PROFESSIONAL EXPERIENCE

Web Development Internship

Bharat Intern

⌚ August 2024 - September 2024

Internship focusing on web development.

- Completed several key projects including a personal portfolio to showcase skills effectively.
- Developed a weather application providing real-time weather updates using API integration.

Java Programming Internship

Motioncut

⌚ August 2024 - September 2024

Internship focusing on Java programming.

- Developed an Expense Tracker for users to manage expenses effectively.
- Created a Java Quiz Application with real-time score calculations.
- Worked on a Link Shortener integrating external APIs.

Web Development Internship

Prodigy InfoTech

⌚ July 2024 - August 2024

Internship in web development.

- Developed a responsive landing page and a weather app that fetches real-time data.
- Created a Tic Tac Toe web application for interactive gameplay.
- Built a stopwatch application with essential functionalities.

UI & UX Design Internship

Codsoft

⌚ June 2024 - July 2024

Internship focusing on UI & UX design.

- Designed an intuitive login page with responsive layout and validation.
- Developed a user-friendly restaurant menu layout.
- Created a dynamic e-commerce website with smooth navigation.

Web Development and Design Internship

Oasis Infobyte

⌚ May 2024 - June 2024

Internship in web development and design.

- Developed a basic calculator with functional operations.
- Created a tribute page with structured content.
- Built a to-do list application with dynamic task management.

Python Internship

TAS Innovation

⌚ June 2023 - August 2023

Internship focusing on Python programming.

- Developed a CGPA calculator with error handling.
- Created a currency converter with real-time exchange rates.
- Built a 'Guess the Number' game with hints and score tracking.

KEY ACHIEVEMENTS

b Web Development Achievements

Successfully developed a responsive personal portfolio and multiple web applications demonstrating skills in various frameworks.

SKILLS

HTML	CSS	Javascript
JDBC	MySQL	React
MongoDB	GitHub	Java
Figma	UI/UX Design	Canva
Responsive web design		Teamwork
Data Structure	Responsive Web	
Problem Solving	Leadership	
Microsoft Excel	Object Oriented Programming	

TRAINING / COURSES

Fundamental of Web Development

at IBM.

Frontend Development

at Coursera.

Sql

At Upgrad

Java

At E-pantech Learning

PROJECTS

Auto Controlling Smart Movable Road Divider and Clearance Ambulance Path using IOT

⌚ January 2025 - May 2025

A IoT Based project for Ambulance Path Clearance
• Designed IoT-based system for controlling smart movable road dividers.
• Integrated sensors and RFID to detect traffic and ambulance presence.
• Automated lane adjustments and signals to reduce emergency response time.

E-Commerce Website Design

⌚ May 2024 - June 2024

A project focused on E Commerce Website design.
• Created a responsive layout for seamless navigation and checkout.
• Incorporated interactive elements for product browsing.
• Designed with usability and accessibility in mind.

EDUCATION

B.E Computer Science and Engineering

Anna University

■ August 2021 - May 2025

Plus One and Plus Two

Sree Krishna Higher Secondary School

■ June 2018 - May 2020

SSLC

Sree Krishna High School

■ June 2017 - March 2018

CERTIFICATION

Fundamental of Digital Marketing At Google

Introduction to Data Science at IBM

Responsive Web Design at Free Code Camp

Cisco Network Essential at Cisco

Programming In Java at Nptel

Data Structure and Algorithms using Java at Nptel

Digital Training On Microsoft Excel Advance Level at Naan Mudhalvan

JavaScript Algorithm and Data Structure at Free Code Camp

LANGUAGES

English

Proficient



Tamil

Fluent



Malayalam

Native



PUBLICATIONS

Auto Controlling Smart Movable Road Divider and Clearance

Ambulance Path using IOT

■ Volume 14, Issue 5, May 2025

■ Published in: International Journal of Innovative Research of Science, Engineering and Technology (IJIRSET)

■ https://www.ijirset.com/upload/2025/may/101_Auto.pdf

Developed and published an IoT-enabled smart traffic management system aimed at reducing urban traffic congestion and improving emergency vehicle clearance. The project integrates ultrasonic and infrared sensors, RFID technology, servo motors, Arduino microcontrollers, and wireless communication modules to detect real-time traffic density. The system dynamically adjusts smart movable road dividers to create extra lanes or dedicated ambulance paths. RFID-based ambulance recognition enables automatic lane clearance and synchronizes traffic signals to ensure green passage. This automation significantly enhances traffic flow, reduces emergency response time, and demonstrates the practical application of IoT in intelligent transportation systems.

PROJECTS

E-Mail Template

■ May 2024 - June 2024

A project creating an Email Template.

- Created a responsive and visually appealing email template.

- Integrated call-to-action buttons to enhance user engagement.

- Focused on clear branding and structured content.

Personal Portfolio

■ March 2024 - April 2024

A project creating a Personal Portfolio.

- Built a visually appealing and professional website using HTML, CSS, and JavaScript.

- Highlighted projects and achievements through organized layout.

- Enhanced understanding of UI/UX design principles.

Landing Page

■ March 2024 - April 2024

A project focused on making a Landing Page.

- Designed and developed a fully responsive landing page using HTML, CSS, and JavaScript.

- Implemented UI/UX design principles for intuitive user experience.

- Created a clean, visually appealing layout.

Tribute Page

■ January 2024 - February 2024

A project focused on creating a Tribute Page.

- Strengthened skills in HTML for content structuring and CSS for styling.

- Gained experience in building responsive designs.

- Applied visual hierarchy principles for clear information presentation.