



## CONTACT

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Tamilnadu, India

[Portfolio](#)

[LinkedIn](#)

[GitHub](#)

## EDUCATION

2020 - 2024

ANNA UNIVERSITY

- Bachelor of Engineering in Electronics and Communication Engineering
- CGPA - 8.17

2019 - 2020

CLASS XII

- SDA Matriculation Higher Secondary School - Dindigul, India
- Score - 63.16%

2018 - 2019

CLASS X

- SDA Matriculation Higher Secondary School - Dindigul, India
- Score - 73%

## LANGUAGES

- English
- Tamil

# UMAIORUBAGAN V

## PROFILE

Recent Electronics and Communication Engineering graduate with a strong interest in software development, Artificial intelligence, AI technologies and web development, along with strong communication. Passionate about learning new technologies and contributing to user-focused solutions. Eager to start a career where I can collaborate with technical teams and ensure customer satisfaction by delivering efficient and reliable solutions.

## TECHNICAL SKILLS

- Frontend Development
- Generative AI
- LLM / SLM
- Manual testing and Jira
- SDLC / STLC
- UI / UX Design
- NLP
- Git / Github

## INTERNSHIP AND OTHER EXPERIENCES

- Internship - The Vintage Group** Apr 2025 - Jul 2025
  - Working on web development projects using frontend to build interactive interfaces.
  - Exploring and implementing Small Language Models (SLMs) for lightweight AI applications in web-based environments.
  - Gaining practical experience in integrating AI features into web solutions for real-world use cases.
- Embedded Systems Internship** Feb 2024 - Apr 2024  
**ANCIT CONSULTING**
  - Developed multiple prototype projects using Arduino UNO, UART, I2C, GPIO, STM32 microcontroller, and relay modules.
  - Created project documentation, enhancing technical skills with Arduino and STM32 microcontroller.
  - **Project Link:** [Project Documentation](#)
- Freelance**  
**Web Development & Presentation Designer** PRESENT - 2025
  - Provided web projects, presentations, and documentation for clients.
  - Designed and developed responsive web applications, PowerPoint presentations, Word documents, and Canva designs.

## SOFT SKILLS

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- Communication
- Interpersonal Skills
- Teamwork
- Time management
- Team player

## SOFTWARE TOOLS

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- Linux
- MS Office
- Replit
- Hugging Face
- n8n - Basic
- Zapier
- Jira
- Bitbucket
- Git and GitHub
- Visual Studio Code
- Insomnia
- Notion
- Figma
- Canva
- Postman
- Google Sheets
- Google Colab
- UiPath

## PROJECT EXPERIENCE

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### ● SLM Chatbot, Testing and Webpage Interface PRESENT - 2025

- Currently working on a web interface project using frontend technologies and an SLM model to build interactive chatbot interfaces

### ● Automatic Fault Detection in Street Lights

GitHub link: [Click Here](#)

- Developed a system that automatically detects faulty streetlights, improving public safety and energy efficiency.
- Focused on reducing electricity wastage and maintenance costs, ensuring reliable street lighting for cities.
- Created detailed documentation on how the system works, making it easier to understand and implement.

### ● AI - Enabled Car Parking System and Website Interface

GitHub link: [Click Here](#)

- Documented project development, detailing the use of Python, IBM tools, and OpenCV for real-time parking space detection.
- Developed a web interface to assist drivers in finding available parking spots efficiently.
- Collaborated with a team to implement a machine learning system that enhances parking management.

### ● Web Development Projects

Project links: [Click Here](#)

- Designed and built responsive websites such as a restaurant site, an education platform, and a web application.
- Focused on easy navigation, fast loading, and mobile-friendly design for a smooth user experience.
- Used modern web technologies to create functional and visually appealing websites.

## CERTIFICATES AND COURSE WORKS

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- Introduction to Generative AI - **Google** (Apr 2025)
- Get Started with Jira - **Coursera** (Oct 2025)
- API Testing a real web application via Postman - **Coursera Project Network** (Mar 2025)
- Meta Front-End Developer Certificate - **Meta** (Dec 2024)
- Principles of UX / UI Design - **Meta** (Dec 2024)
- HTML & CSS Course - **HackerRank** | **LetsUpgrade Bootcamp** (Apr 2024)
- Introduction to Software Engineering - **IBM** (Sep 2024)
- Basic Machine Learning Certificate - **IBM** (Nov 2023)
- AI-Enabled Car Parking System Using OpenCV - **IBM** (Oct 2023)
- Networking and Web Technology - **Infosys** (Nov 2022)