Ghouse Basha

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Education

University College of Engineering Kanchipuram; CGPA: 8.04/10   *Kanchipuram, Tamil Nadu*

BACHELOR OF ENGINEERING - ELECTRONICS AND COMMUNICATION ENGINEERING   *2022–2026*

Skills

Programming Languages: C (Basics), C++ (Basics), Python

Tech Stack: HTML, CSS, JavaScript, React JS, Tailwind CSS

Embedded/IoT: Arduino (C/C++), ESP32

Libraries: Blynk Library (IoT projects)

Proficient Tools: MS Word, MS PowerPoint, MS Excel (basic)

Platforms: Git & GitHub, MATLAB, VS Code, Arduino IDE, Thonny (Python IDE)

SoftSkills: Problem-solving, Team collaboration, Leadership, Presentation skills, Fast learner

Experience

CodeAlpha   *Remote (Online)*

FRONTEND DEVELOPMENT INTERN | REACT JS, TAILWIND CSS, WEB UI COMPONENTS   *July. 2025 – Present*

- Selected as a Frontend Development Intern, contributing to UI design and responsive web interface development.
- Gained practical experience with React JS and Tailwind CSS to build and style reusable components.
- Developed interactive and responsive frontend modules, improving user experience for dynamic web applications.

University College of Engineering, Kanchipuram

IOT PROJECT INTERN | ESP32, IR & METAL SENSORS, BLYNK IOT APP   *Jan. 2025 – Feb. 2025*

- Designed a Smart Garbage Segregator and Bin Level Indicator using ESP32 and sensor automation.
- Integrated IR, moisture, and metal sensors with stepper motors for effective waste classification.
- Implemented real-time monitoring through the Blynk IoT mobile application.

Tech Vedhu   *Remote / Online*

WEB DEVELOPMENT INTERN | HTML, CSS, JAVASCRIPT, WEB HOSTING   *April. 2025 – May. 2025*

- Completed a full-cycle web development internship focusing on both static and dynamic website creation.
- Built responsive web pages using HTML, CSS, and JavaScript, applying design principles for better UX.
- Learned the fundamentals of web hosting and deployed test projects using various platforms.

Projects

Blind Stick for Visually Impaired

EMBEDDED SYSTEMS, OBSTACLE DETECTION

- Developed a smart stick prototype using ultrasonic sensors and buzzer to alert visually impaired users of nearby obstacles.
- Worked with Arduino Uno and breadboard circuits, gaining practical skills in sensor interfacing and embedded programming.

Amazon Clone (Frontend Web Project)

FRONTEND DEVELOPMENT

- Built a static webpage mimicking Amazon's homepage layout using HTML, CSS, and JavaScript.
- Practiced UI cloning, Flexbox layouts, and GitHub for version control and deployment.

EV Clone Website using React

REACT JS, TAILWIND CSS

- Developed a React-based user interface simulating an electric vehicle product page.
- Used reusable components and styled layouts with Tailwind CSS for responsive design.

Booksky / Miami Fashion Website

HTML, CSS, VISUAL DESIGN

- Designed and styled multi-section websites with custom fonts, colors, and layout structures.
- Focused on clean visual design and mobile responsiveness using HTML and CSS.

Certifications

GitHub Basics   Simplilearn, Jul. 2025

Introduction to Front-End Development   Simplilearn, Jul. 2025

React JS Free Course   Scaler Topics, 23 Jul. 2025

Microsoft Office Essentials   Microsoft