





# ABHISHEK BAIJU

## WEB DEVELOPER & DESIGNER

### CONTACT

 +91-9809878285  
 johnponnamkudam@gmail.com  
 abhishekbaiju.github.io  
 Kannur, Kerala, India

### SKILLS

**Programming Languages:** Python, C

**Web Development:** Flask, Django, React.js, HTML, CSS, JavaScript, Responsive Design, Bootstrap, jQuery

**UI/UX Design:** Wireframing, User Flow, Figma, Photoshop, Color Theory, Layout Design

**Version Control:** Git, GitHub

**Embedded Systems:** Raspberry Pi, Arduino

**Machine Learning (ML) basics:** Scikit-learn, TensorFlow, OpenCV

**Scripting with Python**

### EDUCATION

#### B.Tech in Electronics and Communication

College of Engineering Vadakara  
2020-2023

#### Diploma in Electronics Engineering

Govt. Polytechnic College Kannur  
2017-2020

### LANGUAGES

English, Malayalam

### EXTRA-CURRICULAR ACTIVITIES

#### Mentor for TinkerHub College Chapter

CEV, Vadakara

#### Chief Technical Officer (CTO) for IEDC

CEV, Vadakara

#### Mentor for TinkerHub at IEDC Summit 2019

Tinkerhub.org

#### IEDC Coordinator

Govt Polytechnic College, Kannur

### PROFILE

I am Abhishek Baiju, a versatile freelance web developer passionate about crafting exceptional online experiences. I create dynamic websites, captivating visuals, and efficient Python automation solutions. My expertise also extends to building innovative machine-learning models. I am dedicated to delivering top-notch solutions that combine functionality and aesthetic appeal.

### WORK EXPERIENCE

#### Web Developer & Designer(Part time/Remote)

Freelance

- Designed and developed a modular, single-page web application with responsive design principles, ensuring optimal user experience across devices and browsers.
- Collaborated with a team to implement front-end and back-end functionalities, including RESTful APIs and database management, to create efficient and user-friendly web solutions.

#### Web Developer(2020-2022-Part time/Remote)

Renacer.in

- Worked independently with clients to understand their specific requirements and create customized websites, ensuring seamless user experiences and meeting their business objectives.
- Utilized a combination of programming languages and web development frameworks such as Flask, Django, HTML, CSS, and JavaScript to build feature-rich and visually appealing web applications.

#### Open-Source Initiative(2020-2021-Part time/Remote)

Tinkerhub.org

- Led the creation of new open-source projects.
- Established starting points to facilitate community contributions.

### PROJECTS

#### AI-Based Material Handling Robot (CEV)

Designed a robotic vehicle with a six-axis robotic arm for autonomous navigation and object detection using Raspberry Pi and PCA9685 board.

#### Smart Notice Board (CEV)

Created a server-based app to display real-time notifications from various sources with centralized management using Raspberry Pi.

#### Kbus Online (Part-time)

Developed a project providing real-time information on local Kerala bus transportation.