# KIRONRAJ O P

## Web Developer

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Dynamic and dedicated freelance web developer, passionate about crafting engaging online experiences. Proficient in leveraging cutting edge technologies to deliver high-quality solutions. Committed to excellence, adaptability, and continuous learning in the ever-evolving digital landscape.

## 💼 Work History

**2021-07 - present**

### Freelance Web Developer

*Kerala, Web Development*

- Coded websites using HTML, CSS, JavaScript, and jQuery languages
- Engaged with clients to plan and optimize site issues and queries
- Ran debugging tools to eliminate flaws and glitches prior to publishing
- Implemented changes and integrated requested elements to streamline business operations
- Discussed site and app requirements with clients to produce actionable development plans
- Oversaw technical issues and troubleshooting requests to resolve user problems
- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX, and JSON coding
- Applied emerging technologies to update and maintain site applicability.

**2021-04 - 2021-07**

### Software Engineer

*Kerala, Poornam Infovision Pvt Ltd, Kochi*

- Provides Technical Support for Linux and Windows Servers and Webhosting
- Server Security, Hardening and Performance tuning by managing Control Panels
- Communicating with customers via calls, email, live chat, and Helpdesk to resolve their technical issues
- Installation and conguration of control panels in shared and dedicated servers
- Account and server migrations manually
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance
- Coordinated with other engineers to evaluate and improve software and hardware interfaces
- Integrated third-party tools and components into applications
- Suggested software and hardware modifications to reduce lag time and improve overall speed
- Monitored systems in operation and quickly troubleshot errors
- Set up and administered VPS and Dedicated Server systems and configurations
- Communicated with clients to verify the roots and causes of computer problems
- Upgraded operating systems and computer software to perform compatibility with programs.

**2017-11 - 2019-06**

### L2 NOC Engineer

*Kerala, Keralavision Broadband Pvt Limited, Thrissur*

- A well-known Internet Service Provider all over Kerala, India
- Back-end Support for Network Conguration and Troubleshooting
- Coordinated with technical support, service provisioning and sales teams to deliver network services at or above SLA requirements
- Kept detailed documentation on each support ticket and added lessons learned to the knowledge base
- Collaborated with other network engineers to configure and maintain network monitoring and load balancing.

## 🎓 Education

**2023 - 2024**

**Google UX Design**
*Coursera - Google*

**2021-07 - 2022-07**

**Web Development, Full Stack**
*Mashupstack, Thiruvanathapuram*

**2017-11 - 2018-10**

**Routing and Switching, CCNA**
*Vidya Engineering College - IT Division, Thrissur*

**2017-11 - 2018-06**

**Electronics and Communication Engineering, CCNA Cloud - Routing and Switching**
*Vidya Engineering College - IT Division, Thrissur*

**2013-06 - 2017-07**

**Electronics and Communication, Bachelor of Technology**
*Jyothi Engineering College, Thrissur*

## ⚡ Skills

Software Proficiency

Python-Django ] Software Proficiency

Backend design

Cisco equipment familiarity

Extensive knowledge of Linux software

Firewalls, VPNs and security products

Juniper Switches equipment familiarity

LAMP Stack Development

Network and server troubleshooting

UI Development

Web application development

Web Hosting in LINUX

Web management

Windows proficiency

Website optimization

User Interface (UI) design

UX Design

Web management

Cpanel Software Proficiency

Docker

Server maintenance

Windows Server management

Server Management

# Languages

| | |
|---|---|
| English | ★★★★★ |
| Malayalam | ★★★★★ |
| Hindi | ★★★☆☆ |

# Projects

**2017**

### Intelligent Aquaponics

*Undergraduate Academic Main Project*

Aquaponics is a system merging aquaculture with hydroponics to create a symbiotic environment. Unlike traditional aquaculture where waste accumulates, aquaponics utilizes nitrifying bacteria to break down waste into nutrients for plants, with water recirculating between fish tanks and hydroponic beds. Automation, facilitated by relay-controlled pumps and sensors monitoring various parameters like humidity and water levels, ensures efficient operation. With features like backup air pumps and a master system kill relay, the system safeguards against power outages and potential failures. Additionally, the platform includes sensors for measuring key parameters and actuators for automating tasks like water temperature regulation and fish feeding. A web application allows for data storage and visualization, enabling easy monitoring from browsers and Android devices, thereby reducing the manpower required for aquaponics through modern IoT applications.

**2016**

### Wireless Audio Transmitter (FM)

*Undergraduate Academic Mini Project*

The Mini Audio Transmitter project introduces a compact device transmitting FM waves, amplifying and modulating audio signals via a BC547 transistor and various components, with a signal range of 15 meters powered by a 9V battery. Tuning the circuit entails using a mobile phone or manually adjusting the capacitor while monitoring radio output. Beyond its primary function, the project also explores applications in assistive technology, potentially serving as a discreet wireless hearing aid. Leveraging its size and transmission capabilities, the device offers a convenient solution for individuals with hearing impairments, highlighting its versatility and ability to address specific community needs.

# Certificates

**2018**

### Red Hat Certified System Administrator (RHCSA)

*Red Hat*

**2020**

### AWS Certified Solutions Architect - Associate 2020

*Udemy*

**2021**

### cPanel Professional Certification ( CPP )

*CPanel*

**2021**

### cPanel & WHM System Administrator I Certification ( CWSA-1)

*cPanel*

**2021**

### cPanel & WHM Sales Professional (CPSP)

*CPanel*

**2021**

### cPanel & WHM Administrator Certification (CWA)

*CPanel*

2021    **LiteSpeed Certification**

*CPanel*

2022    **Responsive Web Design**

*FreeCodeCamp.com*

2023    **Foundations of User Experience (UX) Design**

*Google - Coursera*

2023    **Start the UX Design Process: Empathize, Define, and Ideate**

*Google - Coursera*

2023    **Build Wireframes and Low-Fidelity Prototypes**

*Google - Coursera*

2023    **Conduct UX Research and Test Early Concepts**

*Google - Coursera*

2023    **Create High-Fidelity Designs and Prototypes in Figma**

*Google - Coursera*

2024    **Build Dynamic User Interfaces (UI) for Websites**

*Google - Coursera*

2024    **Design a User Experience for Social Good & Prepare for Jobs**

*Google - Coursera*