

CHRISTIAN RODRIGUES

INFORMATION TECHNOLOGY SUPPORT I WEB DEVELOPER

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Information Systems professional with experience teaching and supporting JavaScript, Python, and other programming languages while contributing to IT operations and systems support. Skilled in documenting technical workflows, troubleshooting issues, and improving reliability through preventative maintenance and process optimization. Passionate about strengthening network, systems, and operational capabilities while continuing to grow as a software and IT professional.

AREA OF EXPERTISE

IT Support & Troubleshooting: Hardware/software issues, preventative maintenance, ticket resolution

Systems & Networking: Windows OS, macOS, basic LAN/TCP-IP, Active Directory, device provisioning

Documentation & Training: Preventive maintenance, inventory logging, technical instruction

Hardware Management: Printers, scanners, surveillance devices, laptops/desktops

Software & Tools: Windows OS, macOS, MySQL, Git, Firebase, HTML/CSS, JavaScript

Web & GIS-Adjacent Technologies: Next.js, React, dynamic map/data integration experience

PROFESSIONAL EXPERIENCE

Software Developer Instructor, Digital Nest

Sep 2024 - Present

- Teach a variety of coding languages with a strong focus on JavaScript and Python, guiding students in building, troubleshooting, and optimizing dynamic systems
- Develop and document clear, repeatable technical workflows to support independent learning and consistent process execution
- Mentor students in technical problem-solving, system logic, and career readiness, while continuously advancing my own software engineering skills
- Support IT and operational functions, contributing to improved system reliability and training efficiency through preventative maintenance and process improvements

Web Developer Intern, Digital Nest

Dec 2023 - Aug 2024

- Collaborated with teams to analyze requirements, configure systems, and deliver user-friendly applications.
- Documented workflows, tested features, and validated system performance against client needs.
- Debugged and optimized systems under tight deadlines, ensuring functional and reliable end-user experiences.

Software Development Intern, Bay Valley Tech

Nov 2023 - June 2024

- Supported the development of a real-time communication system, including authentication, data workflows, and end-user functionality.
- Participated in Agile cycles, contributing to system testing, validation, and documentation.
- Collaborated cross-functionally to analyze requirements, troubleshoot issues, and deliver reliable features.

EDUCATION

Computer Networking AS - Modesto Junior College

Aug 2023 - May 2025

- CSCI 231 - Database Programming with SQL
- CSCI 272 - Problem Solving and Programming 2
- CSCI 220 - Computer Information Systems
- CSCI 241 - Advanced Network & Security
- CSCI 200 - Technical Computer Literacy

Bay Valley Tech Academy

Jan 2023 - Aug 2023

- Through my time as a student with Bay Valley Tech, I received a certificate in Intro to HTML/CSS, Intro to Javascript, MySQL, and Node.JS.

PROJECTS

- **Career Harvest (Digital Nest)**
 - **Description:** Developed a job search app that utilizes a web scraper to gather employment opportunities in California, providing our interns with a curated list of positions to apply for after completing their internships.
 - **Technologies:** React, Firebase, JavaScript, CSS.
 - **Highlights:** Designed and implemented key features, enhancing user experience and security.
- **Dynamic Portfolio Website**
 - **Description:** Created a responsive personal portfolio website to showcase projects and skills.
 - **Technologies:** HTML, CSS, JavaScript, Bootstrap, Next.JS, Node.JS
 - **Highlights:** Integrated interactive elements and optimized for desktop and mobile users.

ADDITIONAL INFORMATION

Certifications:

- Intro to HTML (2022)
- Intro to CSS (2022)
- Intro to JavaScript (2022)
- Intro to CMS (2022)
- Intro to MySQL (2022)
- Intro to Node.JS (2022)
- Currently working towards CompTIA A+ (2025)

REFERENCES

Mayra Villa
WIT Manager
Digital Nest
Current Supervisor
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