

# Robert Stewart

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## SUMMARY

Adaptable software developer and problem-solver with a proven track record of improving code quality and project success as a CIS Peer Tutor. I bring a collaborative mindset, and a comprehensive skill set to create impactful solutions. I am eager to leverage my cooperative approach and diverse technical skills, ranging from front-end to back-end development, to build meaningful solutions.

## TECHNICAL KNOWLEDGE AND SKILLS

**Front-End Development:** HTML, CSS, JavaScript, React, jQuery, Bootstrap, Tailwinds, React Router

**Back-End Development:** Python, Java, PHP, Django, Next.JS, MERN, XAMPP, WAMP

**Database Management:** MySQL, SQL Server

**Version Control, DevOps, & Testing:** Git, GitHub, Docker, Azure, CI/CD, Jest

**Operating Systems & Security:** Linux, Windows, Mac OS, Linux Administration, Windows Server Management, Network Security Protocols, Firewall Management, Asset Management

**Other Skills:** Communication, Problem-Solving, Collaboration, Adaptability, Time Management

## EDUCATION

### **Bellevue University – Bellevue, NE**

Bachelor of Science in Software Development (GPA: 3.65)

01/2024 - 06/2025

### **Iowa Western Community College – Council Bluffs, IA**

Associate of Arts in Computer Science (GPA: 3.6)

01/2020 - 05/2022

## AWARDS & SCHOLARSHIPS

- Darrel H. Gottsch Endowed Scholarship (08/2024)
- DREAM Scholarship (11/2024)

## PROFESSIONAL EXPERIENCE

### **CIS Peer Tutor (01/2024 – Current)**

Bellevue University, Bellevue, NE

- Cultivate personalized learning roadmaps for novice programmers across 7+ languages and frameworks, increase student project completion rates by 30% within the semester, and improve logical thinking.
- Facilitated individual code reviews of student assignments, pinpointing common errors and delivering targeted feedback; improved students' code quality score by one letter grade on average across 100+ students.
- Instructed students in diverse Computer Science topics: web development, SDLC, UI/UX, unit testing, databases, network security, Linux, virtualization, and Python APIs.

### **Web Developer & IT Support Specialist (10/2022 - 11/2023)**

Pierson Wireless, Omaha, NE

- Developed, tested, and maintained full-stack web applications.
- Implemented and managed Continuous Integration/Continuous Deployment (CI/CD) pipelines using Azure DevOps and GitHub Actions, automating build, test, and deployment processes for web applications.
- Resolved IT support tickets and optimized workstation configurations leading to a reduction in downtime.

- Created user guides and improved onboarding processes, reducing support queries.
- Monitored security systems, improving response times and minimizing data loss.

## **CDL Driver Safety and Training Specialist (10/2013 - 05/2022)**

Forward Air Solutions, Omaha, NE

- Ensured driver compliance with state, local, and federal transportation regulations through training and evaluation.
- Operated CDL Class A trucks for 8+ years maintaining a clean driving record.
- Ensured 100% correct log management, contributing to a 99% compliance rating.

## **PROJECTS**

### **Web Form Application Project**

- Developed a responsive web application using Bootstrap, improving data collection efficiency.
- Implemented dynamic form validation using JavaScript and jQuery, reducing data entry errors.
- Enhanced user experience by integrating AJAX for asynchronous data submission, resulting in faster form processing.
- Designed and built a PHP backend with MySQL to securely store and manage submitted form data.

### **Job Parts and Pricing Tool**

- Engineered a web-based tool that integrated user-provided data with live pricing catalogs to streamline the parts selection process.
- Designed the system architecture to empower project managers with data-driven insights for improved decision-making.
- Optimized data analysis by merging stored project data with real-time pricing information, enhancing cost estimation accuracy.

### **Support Ticket CRUD Application**

- Developed a comprehensive IT Support Ticket Management System using the Laravel framework.
- Implemented full CRUD (Create, Read, Update, Delete) functionality for efficient management of support tickets.
- Utilized MySQL for robust and efficient data storage and retrieval, ensuring data integrity.
- Deployed the application on Azure and established CI/CD pipelines using GitHub Actions for automated and continuous delivery.

### **Capstone Project: Team Project Leader for a Django-Based Web Application**

- Led a development team in the full-stack creation of a reservation management system using Django, Bootstrap, MySQL, and HTMX.
- Oversaw all aspects of project management, including the GitHub repository, managing the Kanban board, and delegating weekly tasks to team members.
- Facilitated weekly Zoom meetings to address technical issues, plan upcoming feature releases, and incorporate feedback from the product manager.
- Established and enforced weekly unit testing protocols, improving code quality, reducing bugs and other potential issues.