

Rozanne Kurien

Computer Hardware Engineer

Profile

Dedicated Computer Hardware Engineer with 1 year of experience in designing, developing, and testing computer systems and components. Proficient in troubleshooting hardware issues, optimizing system performance, and collaborating with cross-functional teams. Strong understanding of computer architecture and up-to-date with the latest industry trends. Committed to delivering innovative solutions and contributing to the success of cutting-edge technology projects.

Employment History

Computer Hardware Engineer at Alabama Computer Solutions, AL

Feb 2023 - Present

- Developed and implemented a new hardware diagnostic system that increased the efficiency of troubleshooting processes by 35%, resulting in reduced downtime for clients and a 20% increase in customer satisfaction.
- Designed and integrated a custom server solution for a major client, leading to a 50% improvement in their data processing capabilities and generating \$500,000 in additional revenue for Alabama Computer Solutions.
- Led a team of engineers in the successful completion of a large-scale hardware upgrade project for a government agency, achieving a 25% reduction in energy consumption and saving the agency over \$200,000 in annual operating costs.
- Identified and resolved a critical hardware compatibility issue in a client's data center, preventing potential data loss and system failures, and ultimately saving the client an estimated \$1 million in potential damages and lost productivity.

Associate Computer Hardware Engineer at Interweave Technologies, AL

Sep 2022 - Dec 2022

- Successfully designed and implemented a hardware upgrade for over 200 workstations, resulting in a 35% increase in productivity and a 20% reduction in energy consumption.
- Developed and integrated a custom embedded system for a critical client project, leading to a 50% improvement in system performance and a 15% increase in overall customer satisfaction.
- Streamlined the hardware procurement process by establishing strategic partnerships with vendors, reducing lead times by 40% and cutting costs by 25%.
- Led a team of junior engineers in the successful completion of a complex server migration project, achieving a 99.9% uptime rate and reducing server maintenance costs by 30%.

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📍 123 Oak Street, Birmingham, AL 35201

Education

Bachelor of Engineering in Computer Hardware Engineering at University of Alabama, Tuscaloosa, AL

Aug 2017 - May 2022

Relevant Coursework: Digital Logic Design, Embedded Systems, Microprocessors and Microcontrollers, VLSI Design, Computer Architecture, Hardware Description Languages, Circuit Analysis, Signals and Systems, Electronic Devices and Circuits, and Communication Systems.

Links

[linkedin.com/in/rozannekurien](https://www.linkedin.com/in/rozannekurien)

Skills

Circuit Design

Microprocessor Programming

FPGA Development

PCB Layout

Embedded Systems

Signal Processing

Power Electronics

Languages

English

German