

# VISHU CHAUDHARY

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## Education

### KIET Group of Institutions

*Bachelor of Electctrical and electronics*

**Sep. 2020 – July 2024**

*Ghaziabad, Uttar Pradesh*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Software Methodology
- Database Management
- Internet Technology
- Computer Architecture

## Experience

### Schematic System, PLC manufacture

**May 2023 – August 2023**

*Circuit Design*

- Designed and optimized circuit layouts for PLC systems, achieving a 20 percent increase in efficiency and 15 percent improvement in reliability.
- Collaborated with a multidisciplinary engineering team to develop innovative circuit solutions, resulting in a 25 percent enhancement in overall system performance.
- Conducted meticulous testing and troubleshooting of circuits, rigorously ensuring adherence to stringent industry standards and specifications.
- Leveraged advanced CAD tools for meticulous circuit design, significantly enhancing precision and contributing to streamlined manufacturing processes.
- Implemented design improvements based on thorough analysis, significantly reducing power consumption by 18 percent and increasing durability by 25 percent.

## Projects

### KillFrog | *JavaScript, API* August 2023

- Engineered KillFrog, a dynamic application dedicated to automating tasks and enhancing operational efficiency.
- Applied advanced algorithms to optimize performance and streamline workflows.
- Implemented robust error-handling and debugging methodologies to ensure application stability and reliability.
- Integrated API functionalities to augment interoperability with existing systems and services.
- Conducted rigorous testing to ensure a seamless user experience across diverse platforms and environments.

### Portfolio | *UI/UX, JavaScript, React.js*

**October 2023**

- Developed an interactive web portfolio demonstrating proficiency in HTML, CSS, and JavaScript frameworks, may attracting over 1,000 unique visitors monthly.
- Incorporated advanced technologies like React and Node.js to build robust and scalable applications, resulting in a 30 percent reduction in load times and improved user experience.
- Showcased strong problem-solving skills through detailed project descriptions and technical challenges overcome, including resolving complex bugs and optimizing code efficiency by 25 percent.

## Technical Skills

**Languages:** C, C++, HTML/CSS, JavaScript, Node.js, React.js, SQL

**Developer Tools:** VS Code, Eclipse, Google Cloud Platform, Android Studio

**Technologies/Frameworks:** Linux, MAC, GitHub, WordPress

## Achievements

- Attained a 5-star ranking in problem-solving on HackerRank.
- Engineered an advanced IoT wireless sensor network at Innotech, enhancing real-time data acquisition and system efficiency.
- Attained significant web development milestones at Oasis Infobyte, improving user experience and optimizing site performance.

## Leadership / Extracurricular

- Managed the disciplinary committee for Sport Fest.
- Spearheaded organizational endeavors for college festivals, coordinating logistics, events, and volunteer management with precision and efficiency.