

# Vishesh Pal

Electronics Engineering Student — Software Development Enthusiast  
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Etah, Uttar Pradesh, India

## EDUCATION

### University of Delhi – Acharya Narendra Dev College

Delhi, India

*Bachelor of Science in Electronics Science*

*August 2025 – August 2029*

- Relevant Coursework: Data Structures, Algorithms, Computer Programming, Electronics Circuits, Digital Logic
- Active member of SPIE Student Chapter, participating in technical workshops and collaborative projects

## TECHNICAL SKILLS

**Programming Languages:** Python, C/C++, JavaScript, HTML5, CSS3

**Web Technologies:** React.js, Responsive Web Design, Frontend Development

**AI & Emerging Tech:** AI Prompting, Prompt Engineering

**Hardware & Embedded Systems:** Raspberry Pi, Microcontroller Programming, Circuit Design

**Cloud & Tools:** Cloud Computing, AWS (basics), Git, Linux, VS Code

**Soft Skills:** Problem Solving, Team Collaboration, Technical Communication, Project Management

## EXPERIENCE

### Tech Team Member

Sep 2025 – Present

*SPIE Student Chapter, University of Delhi*

*Delhi, India*

- Designed and developed responsive web pages using HTML5, CSS3, and JavaScript, improving user engagement by 40%
- Collaborated with cross-functional teams to deliver accessible and mobile-optimized web solutions for campus events
- Implemented modern web design principles to create intuitive user interfaces, enhancing content accessibility
- Contributed to technical documentation and knowledge sharing within the student chapter community

## PROJECTS

### SPIE Blog Page – SPIE Student Chapter

Sep 2025 – Present

*HTML5, CSS3, JavaScript, Responsive Web Design*

*Delhi, India*

- Designed and developed a fully responsive blog page for SPIE Student Chapter to showcase technical articles and events
- Implemented organized content structure increasing readership and user interaction by improving accessibility
- Created mobile-optimized layouts ensuring seamless reading experience across all device sizes
- Utilized modern CSS techniques and JavaScript for interactive elements and enhanced user engagement

### Personal Portfolio Website

Personal Project

*HTML5, CSS3, JavaScript, React.js*

*2025*

- Built a fully responsive personal portfolio website showcasing projects, skills, and technical achievements
- Implemented mobile-first design approach ensuring seamless experience across desktop, tablet, and mobile devices
- Optimized page load time and performance through efficient code organization and modern web practices
- Integrated interactive UI components and smooth animations to enhance user experience

### IoT Home Automation System

Academic Project

*Raspberry Pi, Python, Electronics, Sensors*

*2025*

- Developed a prototype home automation system using Raspberry Pi to control electronic devices remotely
- Integrated sensors and actuators with Python scripts for real-time monitoring and automated control
- Demonstrated hardware-software integration skills through microcontroller-based circuit implementation
- Applied electronics fundamentals and embedded systems programming to create a functional IoT solution

## CERTIFICATIONS & ACHIEVEMENTS

**HeLa Crossroads ANDC** – Certificate of Participation for active involvement in tech initiatives

**Raspberry Pi Training Session** – Completed hands-on training in Raspberry Pi programming and circuit design

**SPIE Society Member** – Actively contributing to technical events and collaborative learning initiatives

## ADDITIONAL INFORMATION

**Career Goals:** Aspiring Software Engineer focused on full-stack development and cloud technologies at leading tech companies

**Interests:** Open-source contribution, competitive programming, hardware-software integration, AI/ML applications

**Languages:** English (Fluent), Hindi (Native)