

Krushna Chandra Upadhyaya

NEAR TRIDENT COLLEGE, INFOCITY SQUARE,PATIA

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OBJECTIVE

Dedicated and detail-oriented individual with a passion for technology and innovation. Eager to leverage my skills and expertise to drive impactful projects and contribute to the success of [company/organization name].

About Me:

Driven by a relentless pursuit of excellence, I am a highly motivated individual currently pursuing a B.Tech in Electrical and Electronics Engineering at Trident Academy of Technology. With a passion for problem-solving and a keen eye for detail, I thrive in dynamic environments where I can apply my expertise to drive meaningful change. My commitment to continuous learning and self-improvement fuels my ambition to push the boundaries of what is possible and make a lasting impact in the world of technology.

Projects:

1. AI Smart Lens and AR Glasses Project (Ongoing)

- Leading a large-scale project to develop AI-powered smart lenses integrated into augmented reality glasses for various industries.
- Implementing cutting-edge technologies to provide users with immersive AR experiences and seamless eye gesture payments.
- Features include real-time data overlay, gesture recognition, spatial mapping capabilities, and predictive maintenance analytics.

- Collaborating with cross-functional teams to ensure seamless integration and user-friendly design.

2. Zipcard Website

- Developed a user-friendly website inspired by Zipcar, enabling easy vehicle search and rental.
- Utilized HTML, CSS, and JavaScript for frontend development.
- Implemented user authentication, booking, and payment functionality.
- Enhanced user experience with interactive maps and vehicle tracking features.

3. ProperMarket Website

- Created a comprehensive e-commerce platform similar to ProperMarket.
- Designed intuitive product listing pages and shopping cart functionality.
- Integrated secure payment processing using encryption technologies.
- Enhanced customer engagement with personalized recommendation algorithms.

4. Chatbot Projects (Featured in Smart India Hackathon 2023):

- Developed three chatbots using different frameworks.
- Chatbot 1: Utilized TensorFlow for natural language processing and trained on industry-specific data.
- Chatbot 2: Implemented using Dialogflow for conversational AI and integrated with voice recognition technology.
- Chatbot 3: Built with Rasa framework, incorporating machine learning for contextual understanding.

5. Game Website

- Led a team to create an interactive gaming website featuring immersive graphics and engaging gameplay.
- Developed multiplayer functionality using WebSocket technology for real-time gaming experience.
- Implemented user account management and high scores leaderboard features.

6. Daily Use Website

- Designed and developed a versatile website catering to common daily tasks such as weather updates, to-do lists, and news feeds.

- Integrated with APIs for real-time data retrieval and user customization options.
- Implemented responsive design for seamless user experience across devices.

7. E-commerce Websites (Trident Hackathon Winners):

- Website 1: Created a specialized e-commerce platform targeting niche market segments.
- Website 2: Developed an innovative e-commerce solution leveraging blockchain technology for secure transactions.
- Led the development teams to implement advanced features such as personalized product recommendations and dynamic pricing strategies.

Achievements:

- Featured and won in Smart India Hackathon 2023 with three chatbot projects.
- Led teams to victory in Trident Hackathon with four unique website projects.
- Sole sponsorship to VIT Vellore and VIT Chennai for cybersecurity learning.
- Completed cybersecurity internships at IIT Bombay.
- Contributed to smart waste management projects for Tata Steel.
- Currently leading the AI Smart Lens and AR Glasses Project, the largest project of my career.

Education:

- B.Tech in Electrical and Electronics Engineering, Trident Academy of Technology, 2022-2026
- Higher Secondary Certificate (12th Grade), St. Mary's School Barbil, 2022, 84% (ISC)
- Secondary School Certificate (10th Grade), St. Mary's School Barbil, 2020, 90% (ICSE)

References:

Available upon request.
