Deep Baidya

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Kolkata, West Bengal, India

PROFESSIONAL SUMMARY

Full-Stack Developer and Cybersecurity Enthusiast with hands-on experience in building interactive web applications using modern JavaScript frameworks. Passionate about creating secure, scalable solutions while exploring ethical hacking and network security. Strong foundation in UI/UX design principles and automation technologies. Proven ability to compete in technical competitions and continuously learn emerging technologies.

EDUCATION

Greater Kolkata College of Engineering and Management (GKCEM)　　Baruipur, West Bengal
Bachelor of Computer Applications (BCA) – MAKAUT (WB)　　*Aug 2024 – Sep 2028*
- Pursuing comprehensive education in Computer Science and Information Systems
- Focus areas: Software Development, Cybersecurity, Data Structures & Algorithms

TECHNICAL SKILLS

Programming Languages: JavaScript, HTML5, CSS3, SQL, Python (Learning)
Frontend Development: React.js, Responsive Web Design, DOM Manipulation, Modern JavaScript (ES6+)
Backend Development: Node.js, Express.js, RESTful APIs, Server-side Programming
UI/UX Design Tools: Figma, Adobe XD, Sketch, Wireframing, Prototyping
Cybersecurity: Ethical Hacking, Penetration Testing, Network Security, Security Best Practices
Developer Tools: Git, VS Code, Chrome DevTools, npm/yarn, Command Line
Core Competencies: Web Development, Full-Stack Development, Secure Application Design, Automation, AI Integration

PROJECTS & DEVELOPMENT

Secure Web Applications | *React.js, Node.js, Security Libraries*　　2024 – Present
- Developed full-stack web applications with emphasis on security best practices and user authentication
- Implemented responsive UI components using React.js with focus on accessibility and performance
- Integrated security measures including input validation, XSS prevention, and secure API communications
- Utilized Node.js backend for scalable server-side logic and RESTful API development

UI/UX Design Portfolio | *Figma, Adobe XD, User Research*　　2024 – Present
- Designed user-centric interfaces focusing on seamless user experiences and modern design principles
- Created wireframes, prototypes, and high-fidelity mockups for web and mobile applications
- Applied design thinking methodology to solve real-world user experience challenges

Automation & AI Experiments | *IoT, Chatbot Development, Smart Systems*　　2024 – Present
- Experimented with smart home automation systems and IoT device integration
- Developed AI-driven chatbots using natural language processing for improved user interaction
- Explored machine learning concepts and their applications in real-world scenarios

ACHIEVEMENTS & PARTICIPATION

SnapSyntax Coding Competition　　2024
Participant – Preliminary Round
- Competed in preliminary round demonstrating problem-solving and algorithmic thinking skills
- Gained experience in competitive programming under time constraints

E-Summit Jadavpur University – Hacknpitch　　2024
Participant – Innovation & Entrepreneurship Event
- Participated in hackathon showcasing innovative technical solutions and entrepreneurial mindset
- Collaborated with teams to develop and pitch technology-driven business ideas

ADDITIONAL INFORMATION

Learning Path: Currently expanding knowledge in ethical hacking, penetration testing, and advanced cybersecurity
Interests: Open Source Contribution, Tech Blogging, Automation, AI/ML, Competitive Programming
Soft Skills: Problem Solving, Team Collaboration, Continuous Learning, Adaptability, Creative Thinking
Languages: English (Fluent), Hindi (Fluent), Bengali (Native)