

# Vikarn Kumar Jha

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## EDUCATION

<b>Vellore Institute of Technology, Bhopal</b> <i>Master of Computer Applications (MCA)</i>	Jun 2024 – May 2026 8.26 CGPA
<b>Patliputra University, Patna</b> <i>Bachelor of Computer Applications (BCA)</i>	Jun 2021 – May 2024 65.26%

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, C, Python  
**Frontend:** HTML5, CSS3, React.js, Tailwind CSS, Bootstrap  
**Backend & DB:** Node.js, Express.js, MongoDB, MySQL  
**Tools:** Git, GitHub, Firebase, Postman, Netlify, Vercel, Render  
**Technologies:** REST APIs, JWT, Context API, Google OAuth 2.0, AES Encryption, Redux, bcrypt

## EXPERIENCE

<b>Full Stack Web Developer Intern</b> <i>BabyCode.org</i>	May 2025 – Jul 2025 <i>Remote</i>
<ul style="list-style-type: none"><li>Secured application routes by obfuscating inspect elements and building a route manager, lowering code visibility by 70%.</li><li>Developed a reusable white-label platform with configurable branding (name, logo, domain), cutting partner onboarding time by 90%.</li><li>Built and deployed a CBT system handling 1000+ weekly tests from 5+ platforms, reducing manual evaluation effort by 95%.</li><li>Launched a responsive NGO donation website in 10 days using React.js and Razorpay, boosting traffic by 40% and improving donation efficiency by 90% Live Link.</li><li>Implemented partner-site access logic via a blank main-app component that reads query parameters, enabling role-based access for 5+ partners and improving deployment efficiency by 95%.</li></ul>	

## PROJECTS

<b>SmartCardManager</b>   <i>React.js, Node.js, MongoDB, Tailwind CSS</i>	Apr 2025
<ul style="list-style-type: none"><li>Secured 100% of user card data with AES encryption and Google OAuth, increasing user trust and data protection by 95%.</li><li>Validated 1000+ card entries with BIN/IIN API integration, achieving a 99% accuracy rate in card categorization.</li><li>Created an interactive card flip UI using React state logic and Tailwind CSS, improving response time by 30%.</li><li>Implemented advanced authentication with OTP-based recovery, JWT authorisation, and protected routes, reducing unauthorised access attempts by 90%.</li></ul>	
<b>White-Label E-Content Platform</b>   <i>React.js, Node.js, MongoDB, Tailwind CSS</i>	May 2025 – Jul 2025
<ul style="list-style-type: none"><li>Developed a customizable platform for franchisor institutes to provide BabyCode's e-content under their own branding.</li><li>Built login and subscription workflows with institute-specific pricing (e.g., BabyCode <i>Rs.499/month</i> vs Institute <i>Rs.799/month</i>).</li><li>Linked the platform with BabyCode's core site via secure iframe embedding while concealing BabyCode's identity.</li><li>Enhanced security with JavaScript obfuscation and route masking, improving system protection by 75% by protecting inspect element.</li><li>Streamlined partner onboarding with template-based deployment, reducing setup time by 90% and enabling 5+ franchisors.</li></ul>	

## CERTIFICATIONS

**Full Stack Web Development** — PW-Skills  
**Figma UI/UX Design** — PW-Skills

## ADDITIONAL INFORMATION

**Soft Skills:** Teamwork, Communication, Project Management, Leadership  
**Languages Known:** English, Hindi, Maithili