

# Vaskar Chandra Das

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## Education

<b>Master of Computer Application</b> Swami Vivekananda University	Barrackpore, West Bengal 2024
<b>Bachelor of Science Honours</b> Kalyani University	Kanchrapara, West Bengal 2019

## Experience

<b>iRM Cloud</b> Software Development Engineer II	Sep 2023 – Present Kolkata, West Bengal
<ul style="list-style-type: none"><li>• <b>Enterprise Risk Management System (Internal Audit and Governance, Risk, and Compliance):</b><ul style="list-style-type: none"><li>* Developed audit system with <b>RBAC/ABAC</b> controls using <b>TypeScript</b>, <b>Next.js</b> and <b>Node.js</b>.</li><li>* Set up <b>policy-based access control</b> to restrict user module visibility.</li><li>* Implemented <b>NextAuth.js</b> with <b>Google 2FA</b> for secure, seamless app authentication.</li><li>* Built <b>design system</b> using <b>Storybook.js</b> and <b>React.js</b> for consistent UI and better team collaboration.</li><li>* Used <b>WebSockets</b> and <b>Webhooks</b> for <b>real-time</b> dashboard updates, <b>cutting server load</b> and boosting speed <b>50%</b>.</li></ul></li><li>• <b>Information Technology General Controls (ITGC):</b><ul style="list-style-type: none"><li>* Designed and implemented a key <b>ITGC</b> system using <b>TypeScript</b>, <b>Next.js</b>, and <b>Node.js</b>, ensuring compliance and data integrity.</li><li>* Created intuitive and <b>responsive</b> user interfaces with <b>Mantine UI library</b>, improving data visualization using <b>Nivo</b> and <b>Highcharts</b> libraries and user interaction, leading to a <b>20% increase in user satisfaction</b>.</li><li>* Implemented <b>RBAC</b>, used <b>Node.js</b> for <b>30% faster response</b>, and added <b>WebSockets</b> for <b>real-time updates</b>.</li></ul></li></ul>	
<b>Webhibe Technologies Pvt. Ltd.</b> ReactJs Developer	Apr 2023 – Aug 2023 Kolkata, West Bengal
<ul style="list-style-type: none"><li>• <b>E-Commerce and Travel Applications:</b><ul style="list-style-type: none"><li>* Integrated <b>Stripe</b> for secure payments and <b>real-time</b> inventory with <b>React.js</b> and <b>Node.js</b> for seamless user experience.</li><li>* Leveraged <b>Next.js</b> for <b>server-side rendering</b>, enabling <b>real-time booking updates</b>.</li><li>* Implemented <b>auto logout</b> after 30 minutes of inactivity and enforced device-specific login with <b>Firebase</b> Realtime Database, ensuring secure <b>single-device access</b> and enhancing account protection against unauthorized logins.</li></ul></li></ul>	

## Technical Skills

**Languages:** HTML, CSS, JavaScript, TypeScript, MQL & SQL  
**Technologies:** React.js, Next.js, Storybook, Redux, Express.js, Node.js

## Projects

<b>ComponentForge   Tailwind CSS, Next.js, TypeScript</b>	github/code   componentForge.app
<ul style="list-style-type: none"><li>• Built an extensive library of reusable <b>custom components</b>, including <b>Select</b>, <b>Input</b>, <b>Checkbox</b>, <b>Loaders</b>, <b>Table</b>, <b>Badges</b>, and more, demonstrating expertise in creating modular, scalable UI elements.</li><li>• Designed a <b>custom reusable hook</b> that enhances any <b>table component</b> with features like <b>filtering</b>, <b>global searching</b>, <b>sorting</b>, and <b>pagination</b>, including <b>fuzzy search</b> capabilities and matched text <b>highlighting</b> for an optimized user experience.</li></ul>	
<b>MoviePedia   Sass &amp; React.js</b>	github/code   moviepedia.app
<ul style="list-style-type: none"><li>• Implemented <b>shimmer effect</b> for smooth loading. Applied <b>lazy loading</b> to images. Developed sophisticated <b>filtering</b> and <b>sorting</b> for dynamic movie <b>searches</b> based on various attributes.</li></ul>	
<b>Foodify   React.js</b>	github/code   foodify.app
<ul style="list-style-type: none"><li>• <b>ReactJS</b>-powered food ordering app with <b>Firebase</b> integration. Features real-time menu updates and simulated ordering system. Demonstrates modern web development skills.</li></ul>	
<b>Expense Tracker   React.js</b>	github/code   expense.app
<ul style="list-style-type: none"><li>• It is a dynamic <b>React</b> app featuring full <b>CRUD</b> functionality, along with year-wise <b>filtering</b> to efficiently manage and track monthly expenses.</li></ul>	